

SFIM-AEC-RP-CR-97056

Tooele Army Depot
Revised Final Site-Wide Ecological Risk Assessment

Volume IV
(Appendix I)

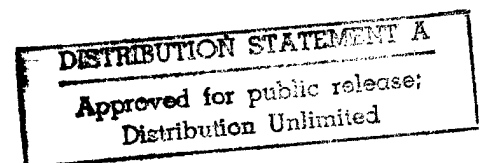
February 1998

Rust Environment and Infrastructure
Grand Junction, Colorado 81506

Prepared for
U.S. Army Environmental Center
Aberdeen Proving Ground, Maryland 21010-5401
under
Contract DAAA15-90-D-0007

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APPENDIX I

**RISK ASSESSMENT TABLES FOR
TEAD HISTORIC AND CURRENT CO-LOCATED
SOIL AND BIOTA SAMPLES
AND SUPPORTING DOCUMENTATION NOT IN TEXT**

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Dioxan/Furan
Acronym and Abbreviation List

2378-TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin
123789-HxCDD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
1234678-HpCDD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
OCDD	Octachlorodibenzodioxin
2378-TCDF	2,3,7 8-Tetrachlorodibenzofuran
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran
123478-HxCDF	1,2,3,4,7,8-Hexachlorodibenzofuran
123678-HxCDF	1,2,3,6,7,8-Hexachlorodibenzofuran
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran
123789-HxCDF	1,2,3,7,8,9-Hexachlorodibenzofuran
1234678-HpCDF	1,2,3,4,6,7,8-Heptachlorodibenzofuran
1234789-HpCDF	1,2,3,4,7,8,9-Heptachlorodibenzofuran
OCDF	Octachlorodibenzofuran

**SUMMARY STATISTICS
AND
RELATED HAZARD QUOTIENTS**

Summary Statistics for the RSA Co-located Soil Data

Analyte Description	Analyte Code	No. of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	678HPD	16	0	2.15E-06	1.395E-05	6.52E-06	3.76E-06	8.36E-06	8.36E-06
1,2,3,4,6,7,8-Heptachlorodibenzofuran	678HPF	16	0	2.75E-06	0.0000555	1.38E-05	1.41E-05	2.07E-05	2.07E-05
1,2,3,4,7,8,9-Heptachlorodibenzofuran	789HPF	16	0	3.05E-06	0.0000625	1.57E-05	1.59E-05	2.34E-05	2.34E-05
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	78HXDD	16	0	2.85E-06	0.000024	8.54E-06	5.96E-06	1.15E-05	1.15E-05
1,2,3,4,7,8-Hexachlorodibenzofuran	78HXDF	16	0	2.95E-06	0.000078	1.63E-05	2.01E-05	2.61E-05	2.61E-05
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	678HDXD	16	0	0.0000027	2.395E-05	8.57E-06	6.02E-06	1.15E-05	1.15E-05
1,2,3,6,7,8-Hexachlorodibenzofuran	678HXF	16	0	0.0000028	0.0000675	1.42E-05	1.74E-05	2.27E-05	2.27E-05
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	789HDXD	16	0	2.55E-06	0.0000223	7.93E-06	5.58E-06	1.07E-05	1.07E-05
1,2,3,7,8,9-Hexachlorodibenzofuran	789HXF	16	0	3.45E-06	0.00009	1.85E-05	2.33E-05	2.99E-05	2.99E-05
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	78PCDD	16	0	5.55E-06	0.0000256	1.20E-05	6.63E-06	1.52E-05	1.52E-05
1,2,3,7,8-Pentachlorodibenzofuran	78PCDF	16	0	0.0000028	4.175E-05	1.09E-05	1.03E-05	1.59E-05	1.59E-05
1,2,3-Trichlorobenzene	123TCB	16	0	0.016	0.016	1.60E-02	0.00E+00	NA ^(a)	1.60E-02
1,2,4-Trichlorobenzene	124TCB	16	0	0.11	0.11	1.10E-01	0.00E+00	NA	1.10E-01
1,2-Dichlorobenzene	12DCLB	16	0	0.021	0.021	2.10E-02	4.17E-10	2.10E-02	2.10E-02
1,2-Diphenylhydrazine	12DPH	16	0	0.26	0.26	2.60E-01	7.70E-09	2.60E-01	2.60E-01
1,3,5-Trinitrobenzene	135TNB	16	0	0.461	0.461	4.61E-01	0.00E+00	NA	4.61E-01
1,3-Dichlorobenzene	13DCLB	16	0	0.021	0.021	2.10E-02	4.17E-10	2.10E-02	2.10E-02
1,3-Dinitrobenzene	13DNB	16	0	0.252	0.252	2.52E-01	7.70E-09	2.52E-01	2.52E-01
1,4-Dichlorobenzene	14DCLB	16	0	0.017	0.017	1.70E-02	0.00E+00	NA	1.70E-02
1,4-Oxathiane	OXAT	16	0	0.0375	0.0375	3.75E-02	9.62E-10	3.75E-02	3.75E-02
2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	PPDDT	16	12.5	0.00175	0.00667	2.36E-03	1.68E-03	3.18E-03	3.18E-03
2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	PPDDE	16	0	0.00135	0.00135	1.35E-03	0.00E+00	NA	1.35E-03
2,3,4,6,7,8-Hexachlorodibenzofuran	234HXF	16	0	0.0000031	0.0000775	1.63E-05	2.00E-05	2.61E-05	2.61E-05
2,3,4,7,8-Pentachlorodibenzofuran	234PCF	16	0	2.85E-06	0.0000399	1.05E-05	9.77E-06	1.53E-05	1.53E-05
2,3,6-Trichlorophenol	236TCP	16	0	0.31	0.31	3.10E-01	7.70E-09	3.10E-01	3.10E-01
2,3,7,8-Tetrachlorodibenzodioxin	TCDD	16	0	4.05E-06	2.525E-05	1.14E-05	6.98E-06	1.48E-05	1.48E-05
2,3,7,8-Tetrachlorodibenzofuran	TCDF	16	0	0.0000001	2.225E-05	8.85E-06	6.59E-06	1.21E-05	1.21E-05
2,4,5-Trichlorophenol	245TCP	16	0	0.245	0.245	2.45E-01	0.00E+00	NA	2.45E-01

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection		Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
			Frequency (%)	Value						
2,4,6-Trichlorophenol	246TCP	16	0	0.0305	0.0305	3.05E-02	1.08E-09	3.05E-02	3.05E-02	3.05E-02
2,4,6-Trinitrotoluene	246TNT	16	0	1	1	1.00E+00	0.00E+00	NA	NA	1.00E+00
2,4-Dichlorophenol	24DCLP	16	0	0.0325	0.0325	3.25E-02	9.62E-10	3.25E-02	3.25E-02	3.25E-02
2,4-Dimethylphenol	24DMPN	16	0	1.5	1.5	1.50E+00	0.00E+00	NA	NA	1.50E+00
2,4-Dinitrophenol	24DNP	16	0	2.35	2.35	2.35E+00	0.00E+00	NA	NA	2.35E+00
2,4-Dinitrotoluene	24DNT	16	0	1.25	1.25	1.25E+00	0.00E+00	NA	NA	1.25E+00
2,6-Dinitroaniline	26DNA	16	0	0.285	0.285	2.85E-01	0.00E+00	NA	NA	2.85E-01
2,6-Dinitrotoluene	26DNT	16	0	1	1	1.00E+00	0.00E+00	NA	NA	1.00E+00
2-Chloronaphthalene	2CNAP	16	0	0.12	0.12	1.20E-01	0.00E+00	NA	NA	1.20E-01
2-Chlorophenol	2CLP	16	0	0.0275	0.0275	2.75E-02	0.00E+00	NA	NA	2.75E-02
2-Methylnaphthalene	2MNAP	16	6.25	0.016	0.029	1.68E-02	3.25E-03	1.84E-02	1.84E-02	1.84E-02
2-Nitroaniline	2NANIL	16	0	1.55	1.55	1.55E+00	0.00E+00	NA	NA	1.55E+00
2-Nitrophenol	2NP	16	0	0.55	0.55	5.50E-01	1.33E-08	5.50E-01	5.50E-01	5.50E-01
3,3'-Dichlorobenzidine	33DCBD	16	0	0.8	0.8	8.00E-01	1.09E-08	8.00E-01	8.00E-01	8.00E-01
3,5-Dinitroaniline	35DNA	16	0	0.8	0.8	8.00E-01	1.09E-08	8.00E-01	8.00E-01	8.00E-01
3-Methyl-4-chlorophenol	4CL3C	16	0	0.465	0.465	4.65E-01	1.33E-08	4.65E-01	4.65E-01	4.65E-01
3-Nitroaniline	3NANIL	16	0	1.5	1.5	1.50E+00	0.00E+00	NA	NA	1.50E+00
3-Nitrotoluene	3NT	16	0	0.17	0.17	1.70E-01	3.33E-09	1.70E-01	1.70E-01	1.70E-01
4,6-Dinitro-2-cresol	46DN2C	16	0	0.4	0.4	4.00E-01	5.44E-09	4.00E-01	4.00E-01	4.00E-01
4-Bromophenyl phenyl ether	4BRPPE	16	0	0.0205	0.0205	2.05E-02	3.40E-10	2.05E-02	2.05E-02	2.05E-02
4-Chloroaniline	4CANIL	16	0	0.315	0.315	3.15E-01	0.00E+00	NA	NA	3.15E-01
4-Chlorophenyl phenyl ether	4CLPPE	16	0	0.085	0.085	8.50E-02	1.67E-09	8.50E-02	8.50E-02	8.50E-02
4-Nitroaniline	4NANIL	16	0	1.55	1.55	1.55E+00	0.00E+00	NA	NA	1.55E+00
4-Nitrophenol	4NP	16	0	1.65	1.65	1.65E+00	2.18E-08	1.65E+00	1.65E+00	1.65E+00
Acenaphthene	ANAPNE	16	0	0.0205	0.0205	2.05E-02	3.40E-10	2.05E-02	2.05E-02	2.05E-02
Acenaphthylene	ANAPYL	16	0	0.0165	0.0165	1.65E-02	0.00E+00	NA	NA	1.65E-02
Aldrin	ALDRN	16	37.5	0.0007	0.0103	2.58E-03	2.86E-03	3.98E-03	3.98E-03	3.98E-03
alpha-Chlordane	ACL DAN	16	0	0.002	0.002	2.00E-03	0.00E+00	NA	NA	2.00E-03

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection		Maximum Value	Mean	Standard Deviation	UCL95	Cterm
			Frequency (%)	Minimum Value					
alpha-Hexachlorocyclohexane	ABHC	16	0	0.0014	0.0014	1.40E-03	4.75E-11	1.40E-03	1.40E-03
Aluminum	AL	16	100	1180	17300	6.46E+03	5.87E+03	9.34E+03	9.34E+03
Aniline	ANIL	16	0	0.065	0.065	6.50E-02	1.92E-09	6.50E-02	6.50E-02
Anthracene	ANTRC	16	0	0.355	0.355	3.55E-01	0.00E+00	NA	3.55E-01
Antimony	SB	16	0	0.5	0.5	5.00E-01	0.00E+00	NA	5.00E-01
Arsenic	AS	16	100	3.99	15.1	7.26E+00	2.84E+00	8.65E+00	8.65E+00
Atrazine	ATZ	16	0	0.0325	0.0325	3.25E-02	9.62E-10	3.25E-02	3.25E-02
Barium	BA	16	100	11.1	134	5.93E+01	4.96E+01	8.36E+01	8.36E+01
Benzidine	BENZID	16	0	0.065	0.065	6.50E-02	1.92E-09	6.50E-02	6.50E-02
Benzo[a]anthracene	BAASTR	16	0	0.0205	0.0205	2.05E-02	3.40E-10	2.05E-02	2.05E-02
Benzo[a]pyrene	BAPYR	16	0	0.6	0.6	6.00E-01	1.54E-08	6.00E-01	6.00E-01
Benzo[b]fluoranthene	BBFANT	16	0	0.155	0.155	1.55E-01	3.85E-09	1.55E-01	1.55E-01
Benzo[def]phenanthrene	PYR	16	12.5	0.0415	0.23	6.32E-02	5.95E-02	9.23E-02	9.23E-02
Benzo[ghi]perylene	BGHPY	16	6.25	0.09	0.35	1.06E-01	6.50E-02	1.38E-01	1.38E-01
Benzo[k]fluoranthene	BKFANT	16	0	0.065	0.065	6.50E-02	1.92E-09	6.50E-02	6.50E-02
Benzoic acid	BENZOA	16	0	1.55	1.55	1.55E+00	0.00E+00	NA	1.55E+00
Benzyl alcohol	BZALC	16	0	0.016	0.016	1.60E-02	0.00E+00	NA	1.60E-02
Beryllium	BE	16	68.75	0.2135	0.823	5.25E-01	2.40E-01	6.42E-01	6.42E-01
beta-Hexachlorocyclohexane	BBHC	16	0	0.00385	0.00385	3.85E-03	8.50E-11	3.85E-03	3.85E-03
Bis(2-chloroethoxy) methane	B2CEXM	16	0	0.095	0.095	9.50E-02	1.92E-09	9.50E-02	9.50E-02
Bis(2-chloroethyl) ether	B2CLEE	16	0	0.18	0.18	1.80E-01	0.00E+00	NA	1.80E-01
Bis(2-chloroisopropyl) ether	B2CIPE	16	0	0.22	0.22	2.20E-01	0.00E+00	NA	2.20E-01
Bis(2-ethylhexyl) phthalate	B2EHP	16	0	0.24	0.24	2.40E-01	0.00E+00	NA	2.40E-01
Butylbenzyl phthalate	BBZP	16	0	0.9	0.9	9.00E-01	0.00E+00	NA	9.00E-01
Cadmium	CD	16	0	0.6	0.6	6.00E-01	1.54E-08	6.00E-01	6.00E-01
Calcium	CA	16	100	12800	45500	2.77E+04	1.18E+04	3.35E+04	3.35E+04
Chlordane	CLDAN	16	0	0.0342	0.0342	3.42E-02	0.00E+00	NA	3.42E-02
Chromium	CR	16	100	2.09	22.6	9.05E+00	7.54E+00	1.27E+01	1.27E+01

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection		Maximum Value	Mean	Standard Deviation	UCL95	Cterm
			Frequency (%)	Minimum Value					
Chrysene	CHRY	16	0	0.016	0.016	1.60E-02	0.00E+00	NA	1.60E-02
Cobalt	CO	16	100	3.23	7.74	5.25E+00	1.37E+00	5.92E+00	5.92E+00
Copper	CU	16	100	3.59	39	1.38E+01	7.94E+00	1.77E+01	1.77E+01
Cyanide	CYN	16	0	0.125	0.125	1.25E-01	0.00E+00	NA	1.25E-01
Cyclotetramethylenetetranitramine	HMX	16	0	1	1	1.00E+00	0.00E+00	NA	1.00E+00
delta-Hexachlorocyclohexane	DBHC	16	0	0.00425	0.00425	4.25E-03	0.00E+00	NA	4.25E-03
Di-n-butyl phthalate	DNBP	16	6.25	0.65	1.6	7.09E-01	2.38E-01	8.26E-01	8.26E-01
Di-n-octyl phthalate	DNOP	16	0	0.115	0.115	1.15E-01	0.00E+00	NA	1.15E-01
Dibenz[a]anthracene	DBAHA	16	0	0.155	0.155	1.55E-01	3.85E-09	1.55E-01	1.55E-01
Dibenzofuran	DBZFUR	16	0	0.19	0.19	1.90E-01	3.85E-09	1.90E-01	1.90E-01
Dibromochloropropane	DBCP	16	0	0.0355	0.0355	3.55E-02	8.33E-10	3.55E-02	3.55E-02
Dicyclopentadiene	DCPD	16	0	0.285	0.285	2.85E-01	0.00E+00	NA	2.85E-01
Dieldrin	DLDRN	16	6.25	0.0008	0.0038	9.88E-04	7.50E-04	1.36E-03	1.36E-03
Diethyl phthalate	DEP	16	18.75	0.12	5.8	5.91E-01	1.44E+00	1.30E+00	1.30E+00
Dimethyl phthalate	DMP	16	0	0.0315	0.0315	3.15E-02	9.62E-10	3.15E-02	3.15E-02
Dithiane	DITH	16	0	0.0325	0.0325	3.25E-02	9.62E-10	3.25E-02	3.25E-02
Endosulfan I	AENSLF	16	0	0.0005	0.0005	5.00E-04	0.00E+00	NA	5.00E-04
Endosulfan II	BENSLF	16	43.75	0.00035	0.00581	1.03E-03	1.36E-03	1.70E-03	1.70E-03
Endosulfan sulfate	ESFSO4	16	25	0.00025	0.00143	4.60E-04	3.94E-04	6.53E-04	6.53E-04
Endrin	ENDRN	16	0	0.00325	0.00325	3.25E-03	0.00E+00	NA	3.25E-03
Endrin aldehyde	ENDRNA	16	6.25	0.00025	0.00193	3.55E-04	4.20E-04	5.61E-04	5.61E-04
Endrin ketone	ENDRNK	16	6.25	0.00025	0.000811	2.85E-04	1.40E-04	3.54E-04	3.54E-04
Famophos	FAMPHR	16	0	0.65	0.65	6.50E-01	0.00E+00	NA	6.50E-01
Fluoranthene	FANT	16	6.25	0.016	0.057	1.86E-02	1.03E-02	2.36E-02	2.36E-02
Fluorene	FLRENE	16	0	0.0325	0.0325	3.25E-02	9.62E-10	3.25E-02	3.25E-02
gamma-Chlordane	GCLDAN	16	0	0.002	0.002	2.00E-03	0.00E+00	NA	2.00E-03
Heptachlor	HPCL	16	0	0.0011	0.0011	1.10E-03	0.00E+00	NA	1.10E-03
Heptachlor epoxide	HPCLE	16	0	0.00065	0.00065	6.50E-04	1.30E-11	6.50E-04	6.50E-04

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection		Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
			Frequency (%)							
Hexachlorobenzene	CL6BZ	16	0	0.04	0.04	0.04	4.00E-02	6.80E-10	4.00E-02	4.00E-02
Hexachlorobutadiene	HCBD	16	0	0.485	0.485	0.485	4.85E-01	0.00E+00	NA	4.85E-01
Hexachlorocyclopentadiene	CL6CP	16	0	0.26	0.26	0.26	2.60E-01	7.70E-09	2.60E-01	2.60E-01
Hexachloroethane	CL6ET	16	0	0.9	0.9	0.9	9.00E-01	0.00E+00	NA	9.00E-01
Indeno[1,2,3-C,D]pyrene	ICDPYR	16	0	1.2	1.2	1.2	1.20E+00	3.08E-08	1.20E+00	1.20E+00
Iron	FE	16	100	2150	17400	7.86E+03	7.86E+03	6.37E+03	1.10E+04	1.10E+04
Isodrin	ISODR	16	0	0.0015	0.0015	0.0015	1.50E-03	0.00E+00	NA	1.50E-03
Isophorone	ISOPHR	16	0	0.195	0.195	0.195	1.95E-01	0.00E+00	NA	1.95E-01
Kepone	KEP	16	0	0.65	0.65	0.65	6.50E-01	0.00E+00	NA	6.50E-01
Lead	PB	16	93.75	3.72	73.3	1.96E+01	1.96E+01	1.53E+01	2.71E+01	2.71E+01
Lindane	LIN	16	0	0.0005	0.0005	0.0005	5.00E-04	0.00E+00	NA	5.00E-04
Magnesium	MG	16	100	1030	9960	4.16E+03	4.16E+03	3.18E+03	5.72E+03	5.72E+03
Malathion	MLTHN	16	0	0.09	0.09	0.09	9.00E-02	0.00E+00	NA	9.00E-02
Manganese	MN	16	100	38	499	1.73E+02	1.73E+02	1.56E+02	2.49E+02	2.49E+02
Mercury	HG	16	12.5	0.025	0.0697	3.01E-02	3.01E-02	1.41E-02	3.70E-02	3.70E-02
Methoxychlor	MEXCLR	16	0	0.01795	0.01795	0.01795	1.80E-02	0.00E+00	NA	1.80E-02
Mirex	MIREX	16	0	0.07	0.07	0.07	7.00E-02	0.00E+00	NA	7.00E-02
N-Nitrosodi-n-propylamine	NNDNPA	16	0	0.55	0.55	0.55	5.50E-01	1.33E-08	5.50E-01	5.50E-01
N-Nitrosodimethylamine	NNDMEA	16	0	0.23	0.23	0.23	2.30E-01	0.00E+00	NA	2.30E-01
N-Nitrosodiphenylamine	NNDPA	16	0	0.145	0.145	0.145	1.45E-01	0.00E+00	NA	1.45E-01
Naphthalene	NAP	16	0	0.37	0.37	0.37	3.70E-01	0.00E+00	NA	3.70E-01
Nickel	NI	16	100	2.85	14.8	7.92E+00	7.92E+00	4.84E+00	1.03E+01	1.03E+01
Nitrobenzene	NB	16	0	0.57	0.57	0.57	5.70E-01	0.00E+00	NA	5.70E-01
o-Cresol	2MP	16	0	0.049	0.049	0.049	4.90E-02	0.00E+00	NA	4.90E-02
Octachlorodibenzodioxin - nonspecific	OCDD	16	6.25	0.0000047	0.00126	1.66E-04	1.66E-04	3.92E-04	3.58E-04	3.58E-04
Octachlorodibenzofuran - nonspecific	OCDF	16	0	0.000006	0.000178	4.22E-05	4.22E-05	5.24E-05	6.79E-05	6.79E-05
p-Chlorophenylmethyl sulfide	CPMS	16	0	0.0485	0.0485	0.0485	4.85E-02	9.62E-10	4.85E-02	4.85E-02
p-Chlorophenylmethyl sulfone	CPMSO2	16	0	0.033	0.033	0.033	3.30E-02	0.00E+00	NA	3.30E-02

Summary Statistics for the RSA Co-located Soil Data (continued)

Analyte Description	Analyte Code	No. of Samples	Detection Frequency (%)	Mean				Standard Deviation	UCL95	Cterm
				Minimum Value	Maximum Value	Mean	Mean			
p-Chlorophenylmethyl sulfoxide	CPMSO	16	0	0.16	0.16	1.60E-01	1.60E-01	2.72E-09	1.60E-01	1.60E-01
p-Cresol	4MP	16	0	0.12	0.12	1.20E-01	1.20E-01	0.00E+00	NA	1.20E-01
Parathion	PRTHN	16	0	0.85	0.85	8.50E-01	8.50E-01	2.18E-08	8.50E-01	8.50E-01
PCB 1016	PCB016	16	0	0.05	0.05	5.00E-02	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1221	PCB221	16	0	0.05	0.05	5.00E-02	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1232	PCB232	16	0	0.05	0.05	5.00E-02	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1242	PCB242	16	0	0.05	0.05	5.00E-02	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1248	PCB248	16	0	0.05	0.05	5.00E-02	5.00E-02	6.80E-10	5.00E-02	5.00E-02
PCB 1254	PCB254	16	0	0.02395	0.02395	2.40E-02	2.40E-02	0.00E+00	NA	2.40E-02
PCB 1260	PCB260	16	0	0.02395	0.02395	2.40E-02	2.40E-02	0.00E+00	NA	2.40E-02
PCB 1262	PCB262	16	0	3.15	3.15	3.15E+00	3.15E+00	9.73E-08	3.15E+00	3.15E+00
Pentachlorophenol	PCP	16	0	0.38	0.38	3.80E-01	3.80E-01	7.70E-09	3.80E-01	3.80E-01
Phenanthrene	PHANTR	16	6.25	0.016	0.12	2.25E-02	2.25E-02	2.60E-02	3.52E-02	3.52E-02
Phenol	PHENOL	16	0	0.026	0.026	2.60E-02	2.60E-02	0.00E+00	NA	2.60E-02
Potassium	K	16	100	302	6090	2.14E+03	2.14E+03	2.16E+03	3.20E+03	3.20E+03
ppDDD	PPDDD	16	0	0.00135	0.00135	1.35E-03	1.35E-03	0.00E+00	NA	1.35E-03
RDX / Cyclonite	RDX	16	0	0.64	0.64	6.40E-01	6.40E-01	1.09E-08	6.40E-01	6.40E-01
Selenium	SE	16	0	0.2245	0.2245	2.25E-01	2.25E-01	5.44E-09	2.25E-01	2.25E-01
Silver	AG	16	0	0.4015	0.4015	4.02E-01	4.02E-01	0.00E+00	NA	4.02E-01
Sodium	NA	16	100	74.3	594	2.24E+02	2.24E+02	1.41E+02	2.93E+02	2.93E+02
Supona	SUPONA	16	0	0.46	0.46	4.60E-01	4.60E-01	0.00E+00	NA	4.60E-01
Tetryl	TETRYL	16	0	1.055	1.055	1.06E+00	1.06E+00	1.54E-08	1.06E+00	1.06E+00
Thallium	TL	16	0	17.15	17.15	1.72E+01	1.72E+01	0.00E+00	NA	1.72E+01
Toxaphene	TXPHEN	16	0	0.113	0.113	1.13E-01	1.13E-01	0.00E+00	NA	1.13E-01
Vanadium	V	16	100	2.32	24.3	9.84E+00	9.84E+00	8.21E+00	1.39E+01	1.39E+01
Vapona	DDVP	16	0	0.034	0.034	3.40E-02	3.40E-02	0.00E+00	NA	3.40E-02
Zinc	ZN	16	100	8.32	127	3.36E+01	3.36E+01	3.29E+01	4.97E+01	4.97E+01

Note.- All concentrations and statistics are in µg/g. parts per million.
 *Not applicable.

Final Hazard Quotients for the RSA - Co-located Soil Samples

Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
123TCB	1,2,3-Trichlorobenzene	ND ^(a)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-05	4.12E-05	1.86E-04	ND	ND
12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-05	4.12E-05	1.86E-04	ND	ND
13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	1.20E-05	3.34E-05	1.50E-04	ND	ND
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	8.36E-01	4.73E-02	1.69E-02	3.36E-02	3.36E-02	2.06E-01	2.74E-02	7.61E-02	3.43E-01	ND	ND
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.14E+00	1.21E-01	4.33E-02	8.68E-02	8.68E-02	5.30E-01	7.06E-02	1.96E-01	8.83E-01	ND	ND
236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	8.85E-02	7.08E-03	1.96E-02	5.53E-02	4.76E-01	ND
24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.48E-02	4.09E-02	1.11E-01	1.25E-03	ND
26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	3.28E-02	2.62E-03	7.27E-03	2.01E-02	1.00E-03	ND
26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.86E-04	2.46E-05	6.82E-05	3.12E-04	9.32E-04	1.35E-04
2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	2.89E-06	8.01E-06	3.61E-05	ND	ND
2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	7.08E-06	1.96E-05	8.85E-05	ND	ND
4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.51E-02	8.52E-04	3.04E-04	6.05E-04	6.05E-04	3.71E-03	4.94E-04	1.37E-03	6.17E-03	ND	ND
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5.99E-02	3.39E-03	1.21E-03	2.41E-03	2.41E-03	1.48E-02	1.97E-03	5.45E-03	2.46E-02	ND	ND
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.58E-01	1.46E-02	5.21E-03	1.04E-02	1.04E-02	6.37E-02	8.48E-03	2.35E-02	1.06E-01	ND	ND
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7.28E-03	4.12E-04	1.47E-04	2.93E-04	2.93E-04	1.79E-03	2.39E-04	6.62E-04	2.99E-03	ND	ND
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.73E-03	3.82E-04	1.36E-04	2.71E-04	2.71E-04	1.66E-03	2.21E-04	6.13E-04	2.77E-03	ND	ND

Final Hazard Quotients for the RSA - Co-located Soil Samples (continued)

Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.41E-03	1.36E-04	4.83E-05	9.68E-05	9.68E-05	5.93E-04	7.90E-05	7.90E-05	2.19E-04	9.87E-04	ND	ND
789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	9.71E-03	5.49E-04	1.96E-04	3.91E-04	3.91E-04	2.39E-03	3.19E-04	3.19E-04	8.83E-04	3.98E-03	ND	ND
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.59E-01	1.47E-02	5.22E-03	1.04E-02	1.04E-02	6.38E-02	8.50E-03	8.50E-03	2.36E-02	1.06E-01	ND	ND
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	8.42E-03	4.76E-04	1.70E-04	3.38E-04	3.38E-04	2.07E-03	2.76E-04	2.76E-04	7.65E-04	3.45E-03	ND	ND
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.38E+00	7.79E-02	2.77E-02	5.57E-02	5.57E-02	3.40E-01	4.53E-02	4.53E-02	1.26E-01	5.66E-01	ND	ND
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.24E-01	1.27E-02	4.53E-03	9.09E-03	9.09E-03	5.54E-02	7.39E-03	7.39E-03	2.05E-02	9.24E-02	ND	ND
ABHC	alpha-Hexachlorocyclohexane	8.37E-04	4.74E-05	1.69E-05	3.38E-05	3.38E-05	ND	ND	ND	ND	ND	ND	ND
ACLDAN	alpha-Chlordane	1.02E-04	5.76E-06	2.05E-06	4.11E-06	4.11E-06	7.38E-05	5.90E-06	5.90E-06	1.64E-05	7.37E-05	ND	ND
AENSLF	Endosulfan I	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND	ND
AG	Silver	2.31E-02	1.31E-03	4.67E-04	9.30E-04	9.30E-04	2.61E-04	1.67E-05	1.67E-05	5.79E-05	2.61E-04	2.01E-01	ND
AL	Aluminum	ND	ND	ND	ND	ND	4.80E+00	4.80E-01	4.80E-01	1.06E+00	5.99E+00	1.24E+01	3.23E+00
ALDRN	Aldrin	5.23E-03	2.97E-04	8.14E-05	2.12E-04	2.12E-04	3.24E-03	2.59E-04	2.59E-04	7.17E-04	1.62E-03	ND	ND
ANAPNE	Acanaphthene	ND	ND	ND	ND	ND	1.64E-04	2.17E-05	2.17E-05	6.00E-05	2.75E-04	8.20E-04	1.18E-04
ANAPYL	Acanaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-05	1.74E-05	4.83E-05	2.21E-04	6.60E-04	9.54E-05
ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTRC	Anthrane	ND	ND	ND	ND	ND	2.83E-03	3.75E-04	3.75E-04	1.04E-03	4.76E-03	1.42E-02	2.05E-03
AS	Arsenic	4.36E-01	2.47E-02	8.79E-03	1.76E-02	1.76E-02	5.93E-02	7.92E-03	7.92E-03	2.20E-02	9.90E-02	8.50E-01	1.42E-01
ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	9.37E-04	3.34E-04	6.68E-04	6.68E-04	6.23E-05	8.33E-06	8.33E-06	2.31E-05	1.04E-04	2.40E-03	ND
BA	Barium	6.00E-01	3.39E-02	1.21E-02	2.42E-02	2.42E-02	1.81E-01	2.42E-02	2.42E-02	6.71E-02	3.01E-01	1.62E-01	ND
BAANTR	Benzoflanthracene	ND	ND	ND	ND	ND	1.64E-04	2.17E-05	2.17E-05	6.00E-05	2.75E-04	8.20E-04	1.18E-04
BAPYR	Benzoflpyrene	ND	ND	ND	ND	ND	4.79E-03	6.34E-04	6.34E-04	1.76E-03	8.04E-03	1.20E-02	3.47E-03
BBFANT	Benzoflfluoranthene	ND	ND	ND	ND	ND	1.24E-03	1.64E-04	1.64E-04	4.54E-04	2.08E-03	6.20E-03	8.96E-04
BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.30E-04	4.64E-05	9.29E-05	9.29E-05	ND	ND	ND	ND	ND	ND	ND
BBZP	Butylbenzyl phthalate	6.21E-02	3.51E-03	1.25E-03	2.50E-03	2.50E-03	2.34E-04	3.12E-05	3.12E-05	8.66E-05	3.90E-04	9.00E-03	ND
BE	Beryllium	4.66E-03	2.64E-04	9.40E-05	1.88E-04	1.88E-04	3.94E-04	5.23E-05	5.23E-05	1.45E-04	6.56E-04	6.30E-02	ND
BENSLF	Endosulfan II	3.68E-03	2.08E-04	7.42E-05	1.48E-04	1.48E-04	ND	ND	ND	ND	ND	ND	ND
BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZOZ	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BGHIPY	Benzoflhiperylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BKFANT	Benzoflfluoranthene	ND	ND	ND	ND	ND	1.07E-03	1.42E-04	1.42E-04	3.95E-04	1.81E-03	5.39E-03	7.79E-04
BZALC	Benzyl alcohol	1.15E-02	6.50E-04	2.32E-04	4.63E-04	4.63E-04	5.18E-04	6.87E-05	6.87E-05	1.90E-04	8.71E-04	2.60E-03	3.76E-04
CA	Calcium	ND	ND	ND	ND	ND	6.81E-05	5.45E-06	5.45E-06	6.04E-06	6.81E-05	ND	ND
CD	Cadmium	6.62E-01	3.75E-02	1.34E-02	2.48E-02	2.48E-02	ND	ND	ND	ND	ND	ND	ND
CHRY	Chrysene	ND	ND	ND	ND	ND	6.40E-03	8.50E-04	8.50E-04	2.36E-03	1.06E-02	2.00E-01	3.00E-02
CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	1.28E-04	1.69E-05	1.69E-05	4.69E-05	2.14E-04	6.40E-04	9.23E-05
CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDAN	Chlordane	1.74E-03	9.85E-05	3.51E-05	7.02E-05	7.02E-05	1.26E-03	1.01E-04	1.01E-04	2.80E-04	1.26E-03	ND	ND
CO	Cobalt	5.00E-03	2.83E-04	1.01E-04	2.02E-04	2.02E-04	6.47E-01	8.28E-02	8.28E-02	2.30E-01	1.29E+00	2.92E-01	ND

Final Hazard Quotients for the RSA - Co-located Soil Samples (continued)

Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR	Chromium	6.82E+00	3.86E-01	1.37E-01	2.75E-01	2.75E-01	2.73E-02	2.19E-03	2.19E-03	6.06E-03	2.19E-02	1.65E-01	3.09E+01
CU	Copper	2.25E-01	1.27E-02	4.53E-03	9.06E-03	9.06E-03	9.76E-02	7.81E-03	7.81E-03	2.16E-02	7.81E-02	1.73E-01	2.07E-01
CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	1.64E-04	1.64E-04	4.54E-04	2.08E-03	6.20E-03	8.96E-04
DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DBHC	delta-Hexachlorocyclohexane	2.54E-03	1.44E-04	5.13E-05	1.03E-04	1.03E-04	ND	ND	ND	ND	ND	ND	ND
DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DEP	Diethyl phthalate	8.45E-02	4.78E-03	1.70E-03	3.41E-03	3.41E-03	3.19E-04	4.25E-05	4.25E-05	1.18E-04	5.31E-04	1.22E-02	ND
DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DLDRN	Dieldrin	1.93E-03	1.09E-04	3.00E-05	7.79E-05	7.79E-05	1.19E-03	9.53E-05	9.53E-05	2.64E-04	5.95E-04	ND	2.69E-05
DMP	Dimethyl phthalate	2.17E-03	1.23E-04	4.38E-05	8.77E-05	8.77E-05	8.20E-06	1.09E-06	1.09E-06	3.03E-06	1.37E-05	3.15E-04	ND
DNBP	Di-n-butyl phthalate	5.61E-02	3.18E-03	1.13E-03	2.26E-03	2.26E-03	2.12E-04	2.82E-05	2.82E-05	7.83E-05	3.53E-04	4.07E-03	ND
DNOP	Di-n-octyl phthalate	7.94E-03	4.49E-04	1.60E-04	3.20E-04	3.20E-04	2.99E-05	3.99E-06	3.99E-06	1.11E-05	4.99E-05	ND	ND
ENDRN	Endrin	2.22E-01	1.26E-02	4.88E-03	8.55E-03	8.55E-03	7.99E-05	6.39E-06	6.39E-06	1.77E-05	7.99E-05	ND	ND
ENDRNA	Endrin aldehyde	2.43E-02	1.37E-03	4.89E-04	9.34E-04	9.34E-04	8.73E-06	6.98E-07	6.98E-07	1.94E-06	8.73E-06	ND	ND
ENDRNK	Endrin ketone	1.95E-02	1.10E-03	3.93E-04	7.50E-04	7.50E-04	7.01E-06	5.61E-07	5.61E-07	1.55E-06	7.01E-06	ND	ND
ESFSO4	Endosulfan sulfate	1.10E-03	6.22E-05	2.22E-05	4.43E-05	4.43E-05	ND	ND	ND	ND	ND	ND	ND
FAMPHR	Famorphos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FANT	Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	Iron	1.96E+01	1.11E+00	3.95E-01	7.91E-01	7.91E-01	1.84E-04	2.44E-05	2.44E-05	6.78E-05	3.10E-04	9.25E-04	1.34E-04
FLRENE	Fluorene	ND	ND	ND	ND	ND	1.45E+01	1.93E+00	1.93E+00	5.35E+00	2.40E+01	ND	1.07E+01
GCLDAN	gamma-Chlordane	1.59E-03	1.16E-04	4.13E-05	8.27E-05	8.27E-05	2.59E-04	3.44E-05	3.44E-05	9.52E-05	4.36E-04	1.30E-03	1.88E-04
HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	7.38E-05	5.90E-06	5.90E-06	1.64E-05	7.37E-05	ND	ND
HG	Mercury	1.04E-02	5.90E-04	2.10E-04	4.21E-04	4.21E-04	ND	ND	ND	ND	ND	ND	ND
HMX	Cyclooctamethyl/enetetranitramine	ND	ND	ND	ND	ND	9.75E-04	9.90E-05	9.90E-05	2.74E-04	1.24E-03	1.21E-01	3.63E-02
HPCL	Heptachlor	2.63E-03	1.49E-04	5.31E-05	1.06E-04	1.06E-04	4.43E-03	5.90E-04	5.90E-04	1.64E-03	7.37E-03	ND	ND
HPCLE	Heptachlor epoxide	1.55E-03	8.80E-05	3.14E-05	6.27E-05	6.27E-05	ND	ND	ND	ND	ND	ND	ND
ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	1.27E-03	1.27E-03	3.53E-03	1.59E-02	4.80E-02	6.94E-03
ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	Lindane	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND	ND
MEXCLR	Methoxychlor	6.44E-04	3.64E-05	1.30E-05	2.60E-05	2.60E-05	ND	ND	ND	ND	ND	ND	ND
MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	Manganese	4.22E-01	2.39E-02	8.51E-03	1.70E-02	1.70E-02	9.61E-02	1.28E-02	1.28E-02	3.55E-02	1.60E-01	4.82E-01	ND

Final Hazard Quotients for the RSA - Co-located Soil Samples (continued)

Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	3.91E-04	1.08E-03	4.96E-03	1.48E-02	2.14E-03
NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.35E-03	3.73E-03	1.68E-02	ND	1.43E-02
NI	Nickel	2.48E-01	1.40E-02	4.99E-03	9.98E-03	9.98E-03	8.44E-03	1.12E-03	3.12E-03	1.41E-02	4.02E-02	5.02E-02
NNDMA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OCDD	Octachlorodibenzodioxin - nonspecific	1.79E-02	1.01E-03	3.62E-04	7.21E-04	7.21E-04	2.89E-06	3.85E-07	1.07E-06	4.81E-06	ND	ND
OCDF	Octachlorodibenzofuran - nonspecific	1.92E-02	1.09E-03	3.87E-04	7.72E-04	7.72E-04	4.42E-03	5.88E-04	1.63E-03	7.35E-03	ND	ND
OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	4.73E-03	6.30E-04	1.75E-03	7.87E-03	ND	ND
PB	Lead	1.30E+00	1.47E-02	2.63E-02	4.21E-02	4.21E-02	ND	ND	ND	ND	ND	ND
PCB016	PCB 1016	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	1.75E-01	2.33E-02	6.46E-02	2.91E-01	5.33E-02	4.34E-02
PCB221	PCB 1221	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB232	PCB 1232	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB242	PCB 1242	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB248	PCB 1248	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB254	PCB 1254	8.59E-02	4.86E-03	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
PCB260	PCB 1260	8.59E-02	4.86E-03	1.73E-03	3.47E-03	3.47E-03	1.51E-03	1.54E-04	4.27E-04	1.77E-03	5.99E-04	9.98E-05
PCB262	PCB 1262	1.13E+01	6.39E-01	2.28E-01	4.56E-01	4.56E-01	1.99E-01	2.03E-02	5.62E-02	2.32E-01	7.88E-02	1.31E-02
PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.70E-04	3.58E-05	9.92E-05	4.54E-04	1.36E-03	1.96E-04
PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.53E-06	4.25E-06	1.92E-05	ND	8.67E-04
PPDDD	ppDDD	9.69E-03	5.48E-04	1.95E-04	1.95E-04	1.95E-04	5.61E-06	5.62E-07	1.56E-06	7.03E-06	ND	6.75E-06
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	5.48E-04	1.95E-04	1.95E-04	1.95E-04	5.61E-06	5.62E-07	1.56E-06	7.03E-06	ND	6.75E-06
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.21E-02	1.25E-03	4.46E-04	1.78E-04	1.78E-04	1.28E-05	1.28E-06	3.55E-06	1.60E-05	ND	1.54E-05
PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PYR	Pyrene	ND	ND	ND	ND	ND	7.12E-04	9.44E-05	2.61E-04	1.20E-03	3.57E-03	5.16E-04
RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.13E-02	3.14E-02	1.42E-01	ND	ND
SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	2.95E-03	8.18E-03	3.69E-02	1.00E-01	ND
SE	Selenium	2.48E-01	1.40E-02	5.00E-03	9.28E-03	9.28E-03	3.98E-02	3.97E-03	1.10E-02	4.97E-02	2.25E-01	3.21E-03
SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.73E+00	1.54E-01	5.49E-02	1.10E-01	1.10E-01	6.71E-01	8.94E-02	2.48E-01	1.12E+00	ND	ND
TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.40E-01	1.36E-02	4.84E-03	9.65E-03	9.65E-03	7.88E-02	7.88E-03	2.18E-02	9.84E-02	ND	ND
TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	Thallium	4.92E+01	2.79E+00	9.93E-01	2.48E+00	2.48E+00	5.06E+00	6.07E-01	1.68E+00	7.59E+00	1.72E+01	ND
TXPHEN	Toxaphene	4.05E-01	2.29E-02	8.18E-03	1.64E-02	1.64E-02	ND	ND	ND	ND	ND	ND
V	Vanadium	ND	ND	ND	ND	ND	2.24E-01	1.42E-02	4.97E-02	2.20E-01	6.72E+00	ND
ZN	Zinc	1.28E+00	7.22E-02	2.58E-02	5.15E-02	5.15E-02	6.26E-02	4.00E-03	1.39E-02	6.25E-02	9.61E-01	2.40E-01

*No toxicity data

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UC195	Cterm
10	123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	2	50.00	0.00	0.00	0.00	0.00	0.00	7.43E-06
	678HDXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10 (cont.)	678HDXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HDXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HDXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	2	2	100.00	3000.00	3990.00	3495.00	700.04	6620.63	3990.00
	ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	2	2	100.00	3.30	4.04	3.67	0.52	6.01	4.04
	ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	49.30	49.80	49.55	0.35	51.13	49.80
	BAANTR	Benzo[a]anthracene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBHC	beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	2	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZO	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	21100.00	41100.00	31100.00	14142.14	94244.00	41100.00
	CD	Cadmium	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	CHRY	Chrysene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Defects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10 (cont.)	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	5.27	6.61	5.94	0.95	10.17	6.61
	CU	Copper	2	2	100.00	3.41	6.04	4.73	1.86	13.03	6.04
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDNR	Dieldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	2	2	100.00	5230.00	6530.00	5880.00	919.24	9984.36	6530.00
	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCB	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	1	2	50.00	0.03	0.06	0.04	0.02	0.14	0.06
	HMX	Cyclotetramethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	656.00	1110.00	883.00	321.03	2316.37	1110.00
	KEP	Kepon	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10 (cont.)	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MG	Magnesium	2	2	100.00	3050.00	4130.00	3590.00	763.68	6999.78	4130.00
	MIREX	Mirex	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	79.50	114.00	96.75	24.40	205.67	114.00
	NA	Sodium	2	2	100.00	78.20	109.00	93.60	21.78	190.84	109.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	4.23	5.25	4.74	0.72	7.96	5.25
	NNDMEA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	0	2	0.00	3.72	3.72	3.72	0.00	0.00	3.72
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	1	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[de]phenanthrene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	0	2	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
10 (cont.)	TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	2	2	100.00	7.78	9.24	8.51	1.03	13.12	9.24
	ZN	Zinc	2	2	100.00	20.40	23.50	21.95	2.19	31.74	23.50
11	123TCB	1,2,3-Trichlorobenzene	0	1	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	124TCB	1,2,4-Trichlorobenzene	0	1	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	1	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	1	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	1	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	1	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	1	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	1	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	1	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	1	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	1	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	1	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	1	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	1	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	1	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	1	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	1	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	1	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	1	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	1	0.00	1.65	1.65	1.65	0.00	0.00	1.65

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
11 (cont.)	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	1	100.00	0.00	0.00	0.00	0.00	0.00	1.40E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AL	Aluminum	0	1	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	ALDRN	Aldrin	1	1	100.00	3710.00	3710.00	3710.00	0.00	0.00	3710.00
	ANAPNE	Acenaphthene	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPYL	Acenaphthylene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANTRC	Anthracene	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	AS	Arsenic	0	1	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	ATZ	Atrazine	1	1	100.00	9.52	9.52	9.52	0.00	0.00	9.52
	B2CEXM	Bis(2-chloroethoxy) methane	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CIPE	Bis(2-chloroisopropyl) ether	0	1	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CLEE	Bis(2-chloroethyl) ether	0	1	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2EHP	Bis(2-ethylhexyl) phthalate	0	1	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	BA	Barium	0	1	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BAANTR	Benzo[a]anthracene	1	1	100.00	145.00	145.00	145.00	0.00	0.00	145.00
	BAPYR	Benzo[a]pyrene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	BBFANT	Benzo[b]fluoranthene	0	1	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBHC	beta-Hexachlorocyclohexane	0	1	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBZP	Butylbenzyl phthalate	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BE	Beryllium	0	1	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BENSLF	Endosulfan II	0	1	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENZID	Benidine	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZOZ	Benzoic acid	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BGHIPY	Benzo[ghi]perylene	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BKFANT	Benzo[k]fluoranthene	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BZALC	Benzyl alcohol	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	CA	Calcium	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
			1	1	100.00	25300.00	25300.00	25300.00	0.00	0.00	25300.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value		Maximum Value		Mean		Standard Deviation		UCL95		Cterm
						Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	
11 (cont.)	CD	Cadmium	1	1	100.00	2.14	2.14	2.14	2.14	2.14	2.14	0.00	0.00	0.00	0.00	2.14
	CHRY	Chrysene	0	1	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	1	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	1	0.00	0.26	0.26	0.26	0.26	0.26	0.26	0.00	0.00	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	1	0.00	0.90	0.90	0.90	0.90	0.90	0.90	0.00	0.00	0.00	0.00	0.90
	CL6DAN	Chlordane	0	1	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.03
	CO	Cobalt	0	1	0.00	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	0.00	1.25
	CPMS	p-Chlorophenylmethyl sulfide	0	1	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	1	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.00	0.00	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	1	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.03
	CR	Chromium	1	1	100.00	24.80	24.80	24.80	24.80	24.80	24.80	0.00	0.00	0.00	0.00	24.80
	CU	Copper	1	1	100.00	154.00	154.00	154.00	154.00	154.00	154.00	0.00	0.00	0.00	0.00	154.00
	CYN	Cyanide	0	1	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	1	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.00	0.00	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	1	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	1	0.00	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	1	0.00	0.29	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00	0.00	0.29
	DDVP	Vapona	0	1	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	1	0.00	0.12	0.12	0.12	0.12	0.12	0.12	0.00	0.00	0.00	0.00	0.12
	DITH	Dithiane	0	1	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.03
	DLDRN	Dieldrin	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	1	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	1	0.00	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	1	0.00	0.12	0.12	0.12	0.12	0.12	0.12	0.00	0.00	0.00	0.00	0.12
	ENDRN	Endrin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	1	0.00	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	0.00	0.65
	FANT	Fluoranthene	0	1	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.02
	FE	Iron	1	1	100.00	47900.00	47900.00	47900.00	47900.00	47900.00	47900.00	0.00	0.00	0.00	0.00	47900.00
	FLRENE	Fluorene	0	1	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCB	Hexachlorobutadiene	0	1	0.00	0.49	0.49	0.49	0.49	0.49	0.49	0.00	0.00	0.00	0.00	0.49
	HG	Mercury	1	1	100.00	0.08	0.08	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.08
	HMX	Cyclotetramethylenetetranitramine	0	1	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCL	Heptachlor epoxide	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	1	0.00	1.20	1.20	1.20	1.20	1.20	1.20	0.00	0.00	0.00	0.00	1.20
	ISODR	Isodrin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
11 (cont.)	ISOPHR	0	1	0.00	0.20	0.20	0.20	0.00	0.00	0.20
K	Potassium	1	1	100.00	961.00	961.00	961.00	0.00	0.00	961.00
KEP	Kepone	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
LIN	Lindane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEXCLR	Methoxychlor	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
MG	Magnesium	1	1	100.00	3210.00	3210.00	3210.00	0.00	0.00	3210.00
MIREX	Mirex	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
MLTHN	Malathion	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09
MN	Manganese	1	1	100.00	329.00	329.00	329.00	0.00	0.00	329.00
NA	Sodium	1	1	100.00	88.30	88.30	88.30	0.00	0.00	88.30
NAP	Naphthalene	0	1	0.00	0.37	0.37	0.37	0.00	0.00	0.37
NB	Nitrobenzene	0	1	0.00	0.57	0.57	0.57	0.00	0.00	0.57
NI	Nickel	1	1	100.00	35.70	35.70	35.70	0.00	0.00	35.70
NNDMA	N-Nitrosodimethylamine	0	1	0.00	0.23	0.23	0.23	0.00	0.00	0.23
NNDNPA	N-Nitrosodi-n-propylamine	0	1	0.00	0.55	0.55	0.55	0.00	0.00	0.55
NNDPA	N-Nitrosodiphenylamine	0	1	0.00	0.15	0.15	0.15	0.00	0.00	0.15
OCDD	Octachlorodibenzodioxin - nonspecific	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
OCDF	Octachlorodibenzofuran - nonspecific	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OXAT	1,4-Oxathiane	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
PB	Lead	1	1	100.00	1500.00	1500.00	1500.00	0.00	0.00	1500.00
PCB016	PCB 1016	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB221	PCB 1221	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB232	PCB 1232	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB242	PCB 1242	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB248	PCB 1248	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB254	PCB 1254	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PCB260	PCB 1260	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PCB262	PCB 1262	0	1	0.00	3.15	3.15	3.15	0.00	0.00	3.15
PCP	Pentachlorophenol	0	1	0.00	0.38	0.38	0.38	0.00	0.00	0.38
PHANTR	Phenanthrene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PHENOL	Phenol	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
PPDDD	ppDDD	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRTHN	Parathion	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PYR	Benzo[def]phenanthrene	0	1	0.00	0.85	0.85	0.85	0.00	0.00	0.85
RDX	RDX / Cyclonite	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
SB	Antimony	1	1	100.00	15.50	15.50	15.50	0.00	0.00	15.50
SE	Selenium	0	1	0.00	0.22	0.22	0.22	0.00	0.00	0.22
SUPONA	Supona	0	1	0.00	0.46	0.46	0.46	0.00	0.00	0.46
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU	Analyte	Number	Number	Number	Detection	Minimum	Maximum	Mean	Standard	UCL95	Cterm
11 (cont.)	Code	of Detects	of Samples	Frequency (%)	Value	Value	Deviation				
	TCDF	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2,3,7,8-Tetrachlorodibenzofuran										
	TETRYL	0	1	0.00	1.06	1.06	0.00	1.06	0.00	0.00	1.06
	Tetryl										
	TL	0	1	0.00	17.15	17.15	0.00	17.15	0.00	0.00	17.15
	Thallium										
	TXPHEN	0	1	0.00	0.11	0.11	0.00	0.11	0.00	0.00	0.11
	Toxaphene										
	V	1	1	100.00	7.88	7.88	0.00	7.88	0.00	0.00	7.88
	Vanadium										
	ZN	1	1	100.00	843.00	843.00	0.00	843.00	0.00	0.00	843.00
	Zinc										
12	123TCB	0	1	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.02
	1,2,3-Trichlorobenzene										
	124TCB	0	1	0.00	0.11	0.11	0.00	0.11	0.00	0.00	0.11
	1,2,4-Trichlorobenzene										
	12DCLB	0	1	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.02
	1,2-Dichlorobenzene										
	12DPH	0	1	0.00	0.26	0.26	0.00	0.26	0.00	0.00	0.26
	1,2-Diphenylhydrazine										
	135TNB	0	1	0.00	0.46	0.46	0.00	0.46	0.00	0.00	0.46
	1,3,5-Trinitrobenzene										
	13DCLB	0	1	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.02
	1,3-Dichlorobenzene										
	13DNB	0	1	0.00	0.25	0.25	0.00	0.25	0.00	0.00	0.25
	1,3-Dinitrobenzene										
	14DCLB	0	1	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.02
	1,4-Dichlorobenzene										
	234HXF	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2,3,4,6,7,8-Hexachlorodibenzofuran										
	234PCF	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	2,3,4,7,8-Pentachlorodibenzofuran										
	236TCP	0	1	0.00	0.31	0.31	0.00	0.31	0.00	0.00	0.31
	2,3,6-Trichlorophenol										
	245TCP	0	1	0.00	0.25	0.25	0.00	0.25	0.00	0.00	0.25
	2,4,5-Trichlorophenol										
	246TCP	0	1	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.03
	2,4,6-Trichlorophenol										
	246TNT	0	1	0.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00
	2,4,6-Trinitrotoluene										
	24DXLP	0	1	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.03
	2,4-Dichlorophenol										
	24DMPN	0	1	0.00	1.50	1.50	0.00	1.50	0.00	0.00	1.50
	2,4-Dimethylphenol										
	24DNP	0	1	0.00	2.35	2.35	0.00	2.35	0.00	0.00	2.35
	2,4-Dinitrophenol										
	24DNT	0	1	0.00	1.25	1.25	0.00	1.25	0.00	0.00	1.25
	2,4-Dinitrotoluene										
	26DNA	0	1	0.00	0.29	0.29	0.00	0.29	0.00	0.00	0.29
	2,6-Dinitroaniline										
	26DNT	0	1	0.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00
	2,6-Dinitrotoluene										
	2CLP	0	1	0.00	0.03	0.03	0.00	0.03	0.00	0.00	0.03
	2-Chlorophenol										
	2CNAP	0	1	0.00	0.12	0.12	0.00	0.12	0.00	0.00	0.12
	2-Chloronaphthalene										
	2MNAP	0	1	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.02
	2-Methylnaphthalene										
	2MP	0	1	0.00	0.05	0.05	0.00	0.05	0.00	0.00	0.05
	o-Cresol										
	2NANIL	0	1	0.00	1.55	1.55	0.00	1.55	0.00	0.00	1.55
	2-Nitroaniline										
	2NP	0	1	0.00	0.55	0.55	0.00	0.55	0.00	0.00	0.55
	2-Nitrophenol										
	33DCBD	0	1	0.00	0.80	0.80	0.00	0.80	0.00	0.00	0.80
	3,3'-Dichlorobenzidine										
	35DNA	0	1	0.00	0.80	0.80	0.00	0.80	0.00	0.00	0.80
	3,5-Dinitroaniline										
	3NANIL	0	1	0.00	1.50	1.50	0.00	1.50	0.00	0.00	1.50
	3-Nitroaniline										
	3NT	0	1	0.00	0.17	0.17	0.00	0.17	0.00	0.00	0.17
	3-Nitrotoluene										
	46DN2C	0	1	0.00	0.40	0.40	0.00	0.40	0.00	0.00	0.40
	4,6-Dinitro-2-cresol										
	4BRPPE	0	1	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.02
	4-Bromophenyl phenyl ether										
	4CANIL	0	1	0.00	0.32	0.32	0.00	0.32	0.00	0.00	0.32
	4-Chloroaniline										
	4CL3C	0	1	0.00	0.47	0.47	0.00	0.47	0.00	0.00	0.47
	3-Methyl-4-chlorophenol										
	4CLPPE	0	1	0.00	0.09	0.09	0.00	0.09	0.00	0.00	0.09
	4-Chlorophenyl phenyl ether										

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
12 (cont.)	4MP	p-Cresol	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	1	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789XDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789XDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	1	1	100.00	0.01	0.01	0.01	0.00	0.00	0.01
	AENSLF	Endosulfan I	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	1	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	1	1	100.00	4870.00	4870.00	4870.00	0.00	0.00	4870.00
	ALDRN	Aldrin	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	1	1	100.00	0.31	0.31	0.31	0.00	0.00	0.31
	ANAPYL	Acenaphthylene	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	1	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	1	1	100.00	12.10	12.10	12.10	0.00	0.00	12.10
	ATZ	Atrazine	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	1	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	1	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	1	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	1	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	1	1	100.00	123.00	123.00	123.00	0.00	0.00	123.00
	BAANTR	Benzo[a]anthracene	1	1	100.00	1.20	1.20	1.20	0.00	0.00	1.20
	BAPYR	Benzo[a]pyrene	0	1	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	1	1	100.00	2.40	2.40	2.40	0.00	0.00	2.40
	BBHC	beta-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	1	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	1	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benizidine	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOA	Benzoic acid	0	1	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	1	1	100.00	0.92	0.92	0.92	0.00	0.00	0.92

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
12 (cont.)	BKFANT	Benzofluoranthene	1	1	100.00	0.77	0.77	0.77	0.00	0.00	0.77
	BZALC	Benzyl alcohol	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	1	1	100.00	66000.00	66000.00	66000.00	0.00	0.00	66000.00
	CD	Cadmium	0	1	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	CHRY	Chrysene	1	1	100.00	1.60	1.60	1.60	0.00	0.00	1.60
	CL6BZ	Hexachlorobenzene	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	1	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	1	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	1	1	100.00	0.25	0.25	0.25	0.00	0.00	0.25
	CO	Cobalt	0	1	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	CPMS	p-Chlorophenylmethyl sulfide	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	1	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	1	1	100.00	11.70	11.70	11.70	0.00	0.00	11.70
	CU	Copper	1	1	100.00	12.30	12.30	12.30	0.00	0.00	12.30
	CYN	Cyanide	0	1	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DYBAHA	Dibenz[ah]anthracene	0	1	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	1	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	1	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	1	1	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	1	1	100.00	0.01	0.01	0.01	0.00	0.00	0.01
	ENDRNA	Endrin aldehyde	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	1	1	100.00	1.20	1.20	1.20	0.00	0.00	1.20
	FE	Iron	1	1	100.00	6130.00	6130.00	6130.00	0.00	0.00	6130.00
	FLRENE	Fluorene	1	1	100.00	0.13	0.13	0.13	0.00	0.00	0.13
	GCLDAN	gamma-Chlordane	1	1	100.00	0.01	0.01	0.01	0.00	0.00	0.01
	HCBD	Hexachlorobutadiene	0	1	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	HMX	Cyclotetramethylenetetranitramine	0	1	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
12 (cont.)	HPCLE Heptachlor epoxide	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ICDPYR	Indeno[1,2,3-C,D]pyrene	0	1	0.00	1.20	1.20	1.20	0.00	0.00	1.20
ISODR	Isodrin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ISOPHR	Isophorone	0	1	0.00	0.20	0.20	0.20	0.00	0.00	0.20
K	Potassium	1	1	100.00	1510.00	1510.00	1510.00	0.00	0.00	1510.00
KEP	Kepone	0	1	0.00	0.65	0.65	0.65	0.00	0.00	0.65
LIN	Lindane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEXCLR	Methoxychlor	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
MG	Magnesium	1	1	100.00	4950.00	4950.00	4950.00	0.00	0.00	4950.00
MIREX	Mirex	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
MLTHN	Malathion	0	1	0.00	0.09	0.09	0.09	0.00	0.00	0.09
MN	Manganese	1	1	100.00	157.00	157.00	157.00	0.00	0.00	157.00
NA	Sodium	1	1	100.00	105.00	105.00	105.00	0.00	0.00	105.00
NAP	Naphthalene	0	1	0.00	0.37	0.37	0.37	0.00	0.00	0.37
NB	Nitrobenzene	0	1	0.00	0.57	0.57	0.57	0.00	0.00	0.57
NI	Nickel	1	1	100.00	4.66	4.66	4.66	0.00	0.00	4.66
NNDMEA	N-Nitrosodimethylamine	0	1	0.00	0.23	0.23	0.23	0.00	0.00	0.23
NNDNPA	N-Nitrosodi-n-propylamine	0	1	0.00	0.55	0.55	0.55	0.00	0.00	0.55
NNDPA	N-Nitrosodiphenylamine	0	1	0.00	0.15	0.15	0.15	0.00	0.00	0.15
OCDD	Octachlorodibenzodioxin - nonspecific	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCDF	Octachlorodibenzofuran - nonspecific	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OXAT	1,4-Oxathiane	0	1	0.00	0.04	0.04	0.04	0.00	0.00	0.04
PB	Lead	1	1	100.00	70.90	70.90	70.90	0.00	0.00	70.90
PCB016	PCB 1016	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB221	PCB 1221	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB232	PCB 1232	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB242	PCB 1242	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB248	PCB 1248	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB254	PCB 1254	0	1	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB260	PCB 1260	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PCB262	PCB 1262	0	1	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PCP	Pentachlorophenol	0	1	0.00	3.15	3.15	3.15	0.00	0.00	3.15
PHANTR	Phenanthrene	0	1	0.00	0.38	0.38	0.38	0.00	0.00	0.38
PHENOL	Phenol	1	1	100.00	1.50	1.50	1.50	0.00	0.00	1.50
PPDDD	ppDDD	0	1	0.00	0.03	0.03	0.03	0.00	0.00	0.03
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRTHN	Parathion	0	1	0.00	0.85	0.85	0.85	0.00	0.00	0.85
PYR	Benzo[def]phenanthrene	1	1	100.00	1.90	1.90	1.90	0.00	0.00	1.90
RDX	RDX / Cyclonite	0	1	0.00	0.64	0.64	0.64	0.00	0.00	0.64
SB	Antimony	1	1	100.00	1.39	1.39	1.39	0.00	0.00	1.39

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
12 (cont.)	SE	Selenium	0	1	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	1	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	1	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	1	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	1	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	1	1	100.00	9.28	9.28	9.28	0.00	0.00	9.28
	ZN	Zinc	1	1	100.00	52.70	52.70	52.70	0.00	0.00	52.70
15	123TCB	1,2,3-Trichlorobenzene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	3	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	3	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	3	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	3	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HFXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	3	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	3	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	3	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	3	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	3	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	3	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	3	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	3	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	3	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	2	3	66.67	0.02	4.90	1.83	2.67	6.34	4.90
	2MP	o-Cresol	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	3	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	3	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	3	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	3	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	3	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	3	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	3	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
15 (cont.)										
4CANIL	4-Chloroaniline	0	3	0.00	0.32	0.32	0.32	0.00	0.00	0.32
4CL3C	3-Methyl-4-chlorophenol	0	3	0.00	0.47	0.47	0.47	0.00	0.00	0.47
4CLPPE	4-Chlorophenyl phenyl ether	0	3	0.00	0.09	0.09	0.09	0.00	0.00	0.09
4MP	p-Cresol	0	3	0.00	0.12	0.12	0.12	0.00	0.00	0.12
4NANIL	4-Nitroaniline	0	3	0.00	1.55	1.55	1.55	0.00	0.00	1.55
4NIP	4-Nitrophenol	0	3	0.00	1.65	1.65	1.65	0.00	0.00	1.65
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	3	33.33	0.00	0.00	0.00	0.00	0.00	1.50E-04
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	3	33.33	0.00	0.00	0.00	0.00	0.00	1.75E-05
678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HFX	1,2,3,6,7,8-Hexachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HFX	1,2,3,7,8,9-Hexachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABHC	alpha-Hexachlorocyclohexane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACLDAN	alpha-Chlordane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AENSLF	Endosulfan I	1	3	33.33	0.00	0.00	0.00	0.00	0.00	0.00
AG	Silver	0	3	0.00	0.40	0.40	0.40	0.00	0.00	0.40
AL	Aluminum	3	3	100.00	7070.00	7460.00	7266.67	195.02	7595.45	7460.00
ALDRN	Aldrin	2	3	66.67	0.00	0.00	0.00	0.00	0.00	0.00
ANAPNE	Acenaphthene	1	3	33.33	0.02	60.00	20.01	34.63	78.39	60.00
ANAPYL	Acenaphthylene	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
ANIL	Aniline	0	3	0.00	0.07	0.07	0.07	0.00	0.00	0.07
ANTRC	Anthracene	1	3	33.33	0.36	70.00	23.57	40.21	91.36	70.00
AS	Arsenic	3	3	100.00	7.36	67.00	31.39	31.46	84.43	67.00
ATZ	Atrazine	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
B2CEXM	Bis(2-chloroethoxy) methane	0	3	0.00	0.10	0.10	0.10	0.00	0.00	0.10
B2CIPE	Bis(2-chloroisopropyl) ether	0	3	0.00	0.22	0.22	0.22	0.00	0.00	0.22
B2CLEE	Bis(2-chloroethyl) ether	0	3	0.00	0.18	0.18	0.18	0.00	0.00	0.18
B2EHP	Bis(2-ethylhexyl) phthalate	0	3	0.00	0.24	0.24	0.24	0.00	0.00	0.24
DA	Barium	3	3	100.00	88.90	232.00	146.30	75.63	273.80	232.00
BAANTR	Benzo[a]anthracene	3	3	100.00	0.21	100.00	33.47	57.61	130.60	100.00
BAPYR	Benzo[a]pyrene	1	3	33.33	0.60	100.00	33.73	57.39	130.48	100.00
BBFANT	Benzo[b]fluoranthene	1	3	33.33	0.16	100.00	33.44	57.65	130.62	100.00
BBHC	beta-Hexachlorocyclohexane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BBZP	Butylbenzyl phthalate	0	3	0.00	0.90	0.90	0.90	0.00	0.00	0.90
BE	Beryllium	0	3	0.00	0.21	0.21	0.21	0.00	0.00	0.21
BENSLF	Endosulfan II	2	3	66.67	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
15 (cont.)	BENZID	Benzidine	0	3	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZO	Benzoic acid	0	3	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHPY	Benzo[ghi]perylene	1	3	33.33	0.09	60.00	20.06	34.59	78.37	60.00
	BKFANT	Benzo[k]fluoranthene	2	3	66.67	0.07	100.00	33.45	57.64	130.62	100.00
	BZALC	Benzyl alcohol	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	3	3	100.00	32300.00	43400.00	37300.00	5631.16	46793.37	43400.00
	CD	Cadmium	3	3	100.00	1.53	6.00	3.07	2.54	7.35	6.00
	CHRY	Chrysene	3	3	100.00	0.30	200.00	66.87	115.29	261.24	200.00
	CL6BZ	Hexachlorobenzene	0	3	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	3	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	3	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	3	3	100.00	3.34	15.30	7.51	6.75	18.89	15.30
	CPMS	p-Chlorophenylmethyl sulfide	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	3	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	3	3	100.00	18.70	49.20	29.00	17.49	58.49	49.20
	CU	Copper	3	3	100.00	18.90	3800.00	1293.63	2170.68	4953.11	3800.00
	CYN	Cyanide	0	3	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	1	3	33.33	0.16	30.00	10.10	17.23	39.15	30.00
	DBCP	Dibromochloropropane	0	3	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	1	3	33.33	0.19	20.00	6.79	11.44	26.08	2.00E+01
	DCPD	Dicyclopentadiene	0	3	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	3	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDN	Dieldrin	2	3	66.67	0.00	0.02	0.01	0.01	0.02	0.02
	DMP	Dimethyl phthalate	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	3	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	1	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	1	3	33.33	0.00	0.01	0.00	0.00	0.01	0.01
	ESFSO4	Endosulfan sulfate	1	3	33.33	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	3	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	3	3	100.00	0.18	200.00	66.82	115.34	261.26	200.00
	FE	Iron	3	3	100.00	10600.00	36800.00	19566.67	14928.61	44734.25	36800.00
	FLRENE	Fluorene	1	3	33.33	0.03	40.00	13.36	23.08	52.26	40.00
	GCLDAN	gamma-Chlordane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	3	0.00	0.49	0.49	0.49	0.00	0.00	0.49

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
15 (cont.)	HG	2	3	66.67	0.03	0.85	0.31	0.47	1.10	0.85
HMV	Cyclohexamethylenetetranitramine	0	3	0.00	1.00	1.00	1.00	0.00	0.00	1.00
HPCL	Heptachlor	2	3	66.67	0.00	0.01	0.00	0.00	0.01	0.01
HPCL	Heptachlor epoxide	1	3	33.33	0.00	0.00	0.00	0.00	0.00	0.00
ICDPYR	Indeno[1,2,3-c]Dipyrone	1	3	33.33	1.20	60.00	20.80	33.95	78.03	60.00
ISODR	Isodrin	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ISOPHR	Isophorone	0	3	0.00	0.20	0.20	0.20	0.00	0.00	0.20
K	Potassium	3	3	100.00	1420.00	2330.00	2013.33	514.23	2880.26	2330.00
KEP	Kepon	0	3	0.00	0.65	0.65	0.65	0.00	0.00	0.65
LIN	Lindane	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEXCLR	Methoxychlor	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
MG	Magnesium	3	3	100.00	4900.00	5320.00	5103.33	210.32	5457.90	5320.00
MIREX	Mirex	0	1	0.00	0.07	0.07	0.07	0.00	0.00	0.07
MLTHN	Malathion	0	3	0.00	0.09	0.09	0.09	0.00	0.00	0.09
MN	Manganese	3	3	100.00	212.00	305.00	255.67	46.76	334.49	305.00
NA	Sodium	3	3	100.00	97.60	912.00	379.53	461.40	1157.39	912.00
NAP	Naphthalene	1	3	33.33	0.37	20.00	6.91	11.33	26.02	20.00
NB	Nitrobenzene	0	3	0.00	0.57	0.57	0.57	0.00	0.00	0.57
NI	Nickel	3	3	100.00	8.93	11.90	10.68	1.55	13.29	11.90
NNDMEA	N-Nitrosodimethylamine	0	3	0.00	0.23	0.23	0.23	0.00	0.00	0.23
NNDNPA	N-Nitrosodi-n-propylamine	0	3	0.00	0.55	0.55	0.55	0.00	0.00	0.55
NNDPA	N-Nitrosodiphenylamine	0	3	0.00	0.15	0.15	0.15	0.00	0.00	0.15
OCDD	Octachlorodibenzodioxin - nonspecific	2	3	66.67	0.00	0.01	0.00	0.00	0.00	0.00
OCDF	Octachlorodibenzofuran - nonspecific	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OXAT	1,4-Oxathiane	0	3	0.00	0.04	0.04	0.04	0.00	0.00	0.04
PB	Lead	3	3	100.00	75.80	224.00	130.53	81.34	267.66	224.00
PCB016	PCB 1016	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB221	PCB 1221	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB232	PCB 1232	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB242	PCB 1242	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB248	PCB 1248	0	3	0.00	0.05	0.05	0.05	0.00	0.00	0.05
PCB254	PCB 1254	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PCB260	PCB 1260	0	3	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PCB262	PCB 1262	0	1	0.00	3.15	3.15	3.15	0.00	0.00	3.15
PCP	Pentachlorophenol	0	3	0.00	0.38	0.38	0.38	0.00	0.00	0.38
PHANTR	Phenanthrene	3	3	100.00	0.32	400.00	133.59	230.72	522.55	400.00
PHENOL	Phenol	0	3	0.00	0.03	0.03	0.03	0.00	0.00	0.03
PPDDD	ppDDD	1	3	33.33	0.00	0.01	0.00	0.00	0.01	0.01
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	1	3	33.33	0.00	0.03	0.01	0.02	0.04	0.03
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2	3	66.67	0.00	0.05	0.02	0.03	0.06	0.05
PRTHN	Parathion	0	3	0.00	0.85	0.85	0.85	0.00	0.00	0.85

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
15 (cont.)	PYR	Benzoflphenanthrene	3	3	100.00	0.43	400.00	133.67	230.65	522.51	400.00
	RDX	RDX / Cyclonite	0	3	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	2	3	66.67	0.50	9.94	5.32	4.72	13.28	9.94
	SE	Selenium	1	3	33.33	0.22	0.73	0.39	0.29	0.89	0.73
	SUPONA	Supona	0	3	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3	3	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	3	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	3	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	3	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	3	3	100.00	11.10	12.80	12.13	0.91	13.66	12.80
	ZN	Zinc	2	2	100.00	107.00	594.00	350.50	344.36	1888.06	594.00
1B	123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
IB (cont.)										
3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HDXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HDXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
AL	Aluminum	2	2	100.00	5870.00	11100.00	8485.00	3698.17	24997.16	11100.00
ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
AS	Arsenic	1	2	50.00	1.25	3.22	2.24	1.39	8.45	3.22
ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18
B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
BA	Barium	2	2	100.00	69.40	171.00	120.20	71.84	440.97	171.00
BAANTR	Benzo[a]anthracene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
BBFANT	Benzo[b]fluoranthene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
BBHC	Beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
1B (cont.)	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	1	2	50.00	0.21	0.57	0.39	0.25	1.50	0.57
	BENSLF	Endosulfan II	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benidine	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZO	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	5380.00	13400.00	9390.00	5671.00	34710.74	13400.00
	CD	Cadmium	2	2	100.00	1.93	5.06	3.50	2.21	13.38	5.06
	CHRY	Chrysene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	1	2	50.00	1.25	3.78	2.52	1.79	10.50	3.78
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	9.34	14.60	11.97	3.72	28.58	14.60
	CU	Copper	2	2	100.00	15.20	17.10	16.15	1.34	22.15	17.10
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	2	2	100.00	8150.00	12600.00	10375.00	3146.63	24424.54	12600.00

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
IB (cont.)	FLRENE	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBDD Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG Mercury	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	HMX Cyclohexamethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K Potassium	2	2	100.00	1550.00	3500.00	2525.00	1378.86	8681.54	3500.00
	KEP Kepone	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG Magnesium	2	2	100.00	2180.00	5070.00	3625.00	2043.54	12749.31	5070.00
	MIREX Mirex	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN Manganese	2	2	100.00	158.00	290.00	224.00	93.34	640.75	290.00
	NA Sodium	2	2	100.00	112.00	200.00	156.00	62.23	433.83	200.00
	NAP Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI Nickel	2	2	100.00	5.97	8.42	7.20	1.73	14.93	8.42
	NNDMEA N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD Octachlorodibenzodioxin - nonspecific	2	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT 1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB Lead	2	2	100.00	20.80	28.60	24.70	5.52	49.33	28.60
	PCB016 PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221 PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232 PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242 PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248 PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254 PCB 1254	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB260 PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262 PCB 1262	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCP Pentachlorophenol	0	2	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PHANTR Phenanthrene	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHENOL Phenol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PPDDD ppDDD	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU	Analyte	Number	Number	Detection	Minimum	Maximum	Mean	Standard	UCL95	Cterm
Number	Code	of Detects	of Samples	Frequency (%)	Value	Value	Value	Deviation	Value	Value
IB (cont.)	PPDDE	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	RDX	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	0	2	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	SE	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	2	2	100.00	10.30	19.10	14.70	6.22	42.48	19.10
	ZN	2	2	100.00	52.30	99.90	76.10	33.66	226.38	99.90
IC	123TCB	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HDXF	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	2MP	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU	Analyte	Analyte	Number	Number	Detection	Minimum	Maximum	Mean	Standard	UCL95	Cterm
Number	Code		of Detects	of Samples	Frequency (%)	Value	Value	Value	Deviation	Value	
IC (cont.)	33DCBD	3,3-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	2	2	100.00	11000.00	11800.00	11400.00	565.69	13925.76	11800.00
	ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	2	2	100.00	4.50	5.17	4.84	0.47	6.95	5.17
	ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2HEP	Bis(2-ethoxyethyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	130.00	133.00	131.50	2.12	140.97	133.00
	BAANTR	Benzo[a]anthracene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU	Analyte	Analyte	Number	Number	Detection	Minimum	Maximum	Mean	Standard	UCL95	Cterm
Number	Code		of Detects	Samples	Frequency (%)	Value	Value	Value	Deviation	Value	
IC (cont.)											
BAPYR	Benzo[a]pyrene		0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
BBFANT	Benzo[b]fluoranthene		0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
BBHC	Beta-Hexachlorocyclohexane		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BBZP	Butylbenzyl phthalate		0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
BE	Beryllium		2	2	100.00	0.60	0.67	0.63	0.05	0.85	0.67
BENSLF	Endosulfan II		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BENZID	Benidine		0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
BENZOZ	Benzoic acid		0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
BGHIPY	Benzo[ghi]perylene		0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
BKFANT	Benzo[k]fluoranthene		0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
BZALC	Benzyl alcohol		0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
CA	Calcium		2	2	100.00	28500.00	43200.00	35850.00	10394.47	82260.84	43200.00
CD	Cadmium		0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
CHRY	Chrysene		0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
CL6BZ	Hexachlorobenzene		0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
CL6CP	Hexachlorocyclopentadiene		0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
CL6ET	Hexachloroethane		0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
CLDAN	Chlordane		0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
CO	Cobalt		2	2	100.00	4.38	5.11	4.75	0.52	7.05	5.11
CPMS	p-Chlorophenylmethyl sulfide		0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
CPMSO	p-Chlorophenylmethyl sulfoxide		0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
CPMSO2	p-Chlorophenylmethyl sulfone		0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
CR	Chromium		2	2	100.00	14.10	15.00	14.55	0.64	17.39	15.00
CU	Copper		2	2	100.00	11.80	12.30	12.05	0.35	13.63	12.30
CYN	Cyanide		0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
DBAHA	Dibenz[ah]anthracene		0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
DBCP	Dibromochloropropane		0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
DBHC	delta-Hexachlorocyclohexane		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DBZFUR	Dibenzofuran		0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
DCPD	Dicyclopentadiene		0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
DDVP	Vapona		0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
DEP	Diethyl phthalate		0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
DITH	Dithiane		0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
DLDRN	Dieldrin		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DMP	Dimethyl phthalate		0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
DNBP	Di-n-butyl phthalate		0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
DNOP	Di-n-octyl phthalate		0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
ENDRN	Endrin		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENDRNA	Endrin aldehyde		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENDRNK	Endrin ketone		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESFSO4	Endosulfan sulfate		0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
IC (cont.)	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	2	2	100.00	13400.00	14700.00	14050.00	919.24	18154.36	14700.00
	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBBD	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	HMX	Cyclotetramethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	3530.00	3620.00	3575.00	63.64	3859.15	3620.00
	KEP	Kepone	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	2	2	100.00	6760.00	6890.00	6825.00	91.92	7235.44	6890.00
	MIREX	Mirex	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	248.00	276.00	262.00	19.80	350.40	276.00
	NA	Sodium	2	2	100.00	211.00	253.00	232.00	29.70	364.60	253.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	8.73	10.20	9.47	1.04	14.11	10.20
	NNDMEA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	2	2	100.00	11.00	17.30	14.15	4.45	34.04	17.30
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB260	PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCP	Pentachlorophenol	0	2	0.00	3.15	3.15	3.15	0.00	0.00	3.15
			0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU	Analyte	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
Number	Code										
IC (cont.)	PHANTR	Phenanthrene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	0	2	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	2	2	100.00	20.50	22.30	21.40	1.27	27.08	22.30
	ZN	Zinc	2	2	100.00	37.40	46.00	41.70	6.08	68.85	46.00
21	123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DNMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
	24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
	26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
21 (cont.)										
2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HFX	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HFX	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
AL	Aluminum	2	2	100.00	6960.00	7930.00	7445.00	685.89	10507.48	7930.00
ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
AS	Arsenic	2	2	100.00	4.02	4.61	4.32	0.42	6.18	4.61
ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean Value	Standard Deviation	UCL95	Cterm
21 (cont.)	B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	91.60	394.00	242.80	213.83	1197.54	394.00
	BAANTR	Benzo[a]anthracene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBHC	beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	2	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOZ	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	14100.00	14700.00	14400.00	424.26	16294.32	14700.00
	CD	Cadmium	2	2	100.00	1.47	20.00	10.74	13.10	69.24	20.00
	CHRY	Chrysene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	2	2	100.00	2.91	3.98	3.45	0.76	6.82	3.98
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	10.50	17.60	14.05	5.02	36.47	17.60
	CU	Copper	2	2	100.00	25.50	434.00	229.75	288.85	1519.47	434.00
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[ah]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
21 (cont.)	ENDRNA	Endrin aldehyde	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famphos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	FE	Iron	2	2	100.00	9640.00	10200.00	9920.00	395.98	11688.03	10200.00
	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	1	2	50.00	0.03	0.06	0.04	0.02	0.15	0.06
	HMX	Cyclotetramethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	2050.00	2250.00	2150.00	141.42	2781.44	2250.00
	KEP	Kepon	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	2	2	100.00	4340.00	4920.00	4630.00	410.12	6461.18	4920.00
	MIREX	Mirex	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	191.00	211.00	201.00	14.14	264.14	211.00
	NA	Sodium	2	2	100.00	123.00	125.00	124.00	1.41	130.31	125.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	7.44	13.60	10.52	4.36	29.97	13.60
	NNDMEA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	2	2	100.00	59.50	836.00	447.75	549.07	2899.32	836.00
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean Value	Standard Deviation	UCL95	Cterm
21 (cont.)	PCB260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PCB262	PCB 1260	0	2	0.00	3.15	3.15	3.15	0.00	0.00	3.15
PCP	Pentachlorophenol	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38
PHANTR	Phenanthrene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
PYR	Benzof(def)phenanthrene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
SB	Antimony	2	2	100.00	1.66	24.60	13.13	16.22	85.56	24.60
SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15
TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
V	Vanadium	2	2	100.00	11.40	13.20	12.30	1.27	17.98	13.20
ZN	Zinc	2	2	100.00	57.00	492.00	274.50	307.59	1647.88	492.00
123TCB	1,2,3-Trichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
124TCB	1,2,4-Trichlorobenzene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
12DCLB	1,2-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
12DPH	1,2-Diphenylhydrazine	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
135TNB	1,3,5-Trinitrobenzene	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
13DCLB	1,3-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
13DNB	1,3-Dinitrobenzene	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
14DCLB	1,4-Dichlorobenzene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
236TCP	2,3,6-Trichlorophenol	0	2	0.00	0.31	0.31	0.31	0.00	0.00	0.31
245TCP	2,4,5-Trichlorophenol	0	2	0.00	0.25	0.25	0.25	0.00	0.00	0.25
246TCP	2,4,6-Trichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
246TNT	2,4,6-Trinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
24DCLP	2,4-Dichlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
24DMPN	2,4-Dimethylphenol	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
24DNP	2,4-Dinitrophenol	0	2	0.00	2.35	2.35	2.35	0.00	0.00	2.35
24DNT	2,4-Dinitrotoluene	0	2	0.00	1.25	1.25	1.25	0.00	0.00	1.25
26DNA	2,6-Dinitroaniline	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
26DNT	2,6-Dinitrotoluene	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
37 (cont.)										
2CLP	2-Chlorophenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
2CNAP	2-Chloronaphthalene	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
2MNAP	2-Methylnaphthalene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
2MP	o-Cresol	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
2NANIL	2-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
2NP	2-Nitrophenol	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
33DCBD	3,3'-Dichlorobenzidine	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
35DNA	3,5-Dinitroaniline	0	2	0.00	0.80	0.80	0.80	0.00	0.00	0.80
3NANIL	3-Nitroaniline	0	2	0.00	1.50	1.50	1.50	0.00	0.00	1.50
3NT	3-Nitrotoluene	0	2	0.00	0.17	0.17	0.17	0.00	0.00	0.17
46DN2C	4,6-Dinitro-2-cresol	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
4BRPPE	4-Bromophenyl phenyl ether	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
4CANIL	4-Chloroaniline	0	2	0.00	0.32	0.32	0.32	0.00	0.00	0.32
4CL3C	3-Methyl-4-chlorophenol	0	2	0.00	0.47	0.47	0.47	0.00	0.00	0.47
4CLPPE	4-Chlorophenyl phenyl ether	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
4MP	p-Cresol	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
4NANIL	4-Nitroaniline	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
4NP	4-Nitrophenol	0	2	0.00	1.65	1.65	1.65	0.00	0.00	1.65
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2	2	100.00	0.00	0.00	0.00	0.00	0.00	4.95E-04
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HXP	1,2,3,6,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	2	50.00	0.00	0.00	0.00	0.00	0.00	6.57E-05
789HXP	1,2,3,7,8,9-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABHC	alpha-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ACLDAN	alpha-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AENSLF	Endosulfan I	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AG	Silver	0	2	0.00	0.40	0.40	0.40	0.00	0.00	0.40
AL	Aluminum	2	2	100.00	4110.00	4890.00	4500.00	551.54	6962.62	4890.00
ALDRN	Aldrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANAPNE	Acenaphthene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
ANAPYL	Acenaphthylene	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
ANIL	Aniline	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
ANTRC	Anthracene	0	2	0.00	0.36	0.36	0.36	0.00	0.00	0.36
AS	Arsenic	2	2	100.00	3.69	3.78	3.74	0.06	4.02	3.78
ATZ	Atrazine	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
37 (cont.)	B2CEXM	Bis(2-chloroethoxy) methane	0	2	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	2	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	2	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	2	2	100.00	46.00	60.50	53.25	10.25	99.03	60.50
	BAANTR	Benzo[a]anthracene	2	2	100.00	0.12	1.20	0.66	0.76	4.07	1.20
	BAPYR	Benzo[a]pyrene	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	1	2	50.00	0.16	2.30	1.23	1.52	8.00	2.30
	BBHC	beta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	0	2	0.00	0.21	0.21	0.21	0.00	0.00	0.21
	BENSLF	Endosulfan II	2	2	100.00	0.00	0.01	0.00	0.00	0.00	0.00
	BENZID	Benzo[d]imidazole	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOZ	Benzoic acid	0	2	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	1	2	50.00	0.09	0.58	0.34	0.35	1.88	0.58
	BKFANT	Benzo[k]fluoranthene	1	2	50.00	0.07	0.71	0.39	0.46	2.42	0.71
	BZALC	Benzyl alcohol	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	2	2	100.00	24900.00	27700.00	26300.00	1979.90	35140.16	27700.00
	CD	Cadmium	0	2	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	CHRY	Chrysene	2	2	100.00	0.20	1.40	0.80	0.85	4.59	1.40
	CL6BZ	Hexachlorobenzene	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	2	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	2	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	1	2	50.00	1.25	2.92	2.09	1.18	7.36	2.92
	CPMS	p-Chlorophenylmethyl sulfide	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	2	2	100.00	7.96	8.59	8.28	0.45	10.26	8.59
	CU	Copper	2	2	100.00	6.58	9.18	7.88	1.84	16.09	9.18
	CYN	Cyanide	0	2	0.00	0.13	0.13	0.13	0.00	0.00	0.13
	DBAHA	Dibenz[a,h]anthracene	0	2	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	2	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	2	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	DITH	Dithiane	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	Dieldrin	1	2	50.00	0.00	0.02	0.01	0.01	0.07	0.02
	DMP	Dimethyl phthalate	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
37 (cont.)	DNBP	Di-n-butyl phthalate	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	Di-n-octyl phthalate	0	2	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	Endrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	Endrin aldehyde	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famophos	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	Fluoranthene	2	2	100.00	0.18	1.90	1.04	1.22	6.47	1.90
	FE	Iron	2	2	100.00	7860.00	8170.00	8015.00	219.20	8993.73	8170.00
	FLRENE	Fluorene	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	gamma-Chlordane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBBD	Hexachlorobutadiene	0	2	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	Mercury	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	HMX	Cyclotetramethylethylenetetranitramine	0	2	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCLE	Heptachlor epoxide	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	2	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	Isodrin	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	Isophorone	0	2	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	Potassium	2	2	100.00	891.00	1420.00	1155.50	374.06	2825.66	1420.00
	KEP	Kepon	0	2	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	Lindane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	Methoxychlor	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	Magnesium	2	2	100.00	3650.00	4500.00	4075.00	601.04	6758.62	4500.00
	MIREX	Mirex	0	2	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	Malathion	0	2	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	Manganese	2	2	100.00	103.00	139.00	121.00	25.46	234.66	139.00
	NA	Sodium	2	2	100.00	113.00	119.00	116.00	4.24	134.94	119.00
	NAP	Naphthalene	0	2	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	Nitrobenzene	0	2	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	2	2	100.00	5.15	6.42	5.79	0.90	9.79	6.42
	NNDMA	N-Nitrosodimethylamine	0	2	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDNPA	N-Nitrosodi-n-propylamine	0	2	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	N-Nitrosodiphenylamine	0	2	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	Octachlorodibenzodioxin - nonspecific	2	2	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	Octachlorodibenzofuran - nonspecific	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	2	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	Lead	1	2	50.00	3.72	8.11	5.92	3.10	19.78	8.11
	PCB016	PCB 1016	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
37 (cont.)	PCB242	PCB 1242	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	2	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	2	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	2	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	2	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	2	2	100.00	0.17	2.10	1.14	1.36	7.23	2.10
	PHENOL	Phenol	0	2	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	2	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	2	2	100.00	0.24	2.70	1.47	1.74	9.24	2.70
	RDX	RDX / Cyclonite	0	2	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	0	2	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	SE	Selenium	0	2	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	SUPONA	Supona	0	2	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	2	50.00	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	2	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	2	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	2	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	2	2	100.00	10.90	11.10	11.00	0.14	11.63	11.10
42	ZN	Zinc	2	2	100.00	37.20	41.10	39.15	2.76	51.46	41.10
	123TCB	1,2,3-Trichlorobenzene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	124TCB	1,2,4-Trichlorobenzene	0	9	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	12DCLB	1,2-Dichlorobenzene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	12DPH	1,2-Diphenylhydrazine	0	9	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	135TNB	1,3,5-Trinitrobenzene	0	9	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	13DNB	1,3-Dinitrobenzene	0	9	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	234HFX	2,3,4,6,7,8-Hexachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	9	0.00	0.31	0.31	0.31	0.00	0.00	0.31
	245TCP	2,4,5-Trichlorophenol	0	9	0.00	0.25	0.25	0.25	0.00	0.00	0.25
	246TCP	2,4,6-Trichlorophenol	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	246TNT	2,4,6-Trinitrotoluene	0	9	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	24DCLP	2,4-Dichlorophenol	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	24DMPN	2,4-Dimethylphenol	0	9	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	24DNP	2,4-Dinitrophenol	0	9	0.00	2.35	2.35	2.35	0.00	0.00	2.35

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
42 (cont.)	24DNT	2,4-Dinitrotoluene	1	9	11.11	1.25	10.40	2.27	3.05	4.16	4.16
	26DNA	2,6-Dinitroaniline	0	9	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	26DNT	2,6-Dinitrotoluene	0	9	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	2CLP	2-Chlorophenol	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	2CNAP	2-Chloronaphthalene	0	9	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	2MNAP	2-Methylnaphthalene	1	9	11.11	0.02	0.11	0.03	0.03	0.05	0.05
	2MP	o-Cresol	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	2NANIL	2-Nitroaniline	0	9	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	2NP	2-Nitrophenol	0	9	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	33DCBD	3,3'-Dichlorobenzidine	0	9	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	35DNA	3,5-Dinitroaniline	0	9	0.00	0.80	0.80	0.80	0.00	0.00	0.80
	3NANIL	3-Nitroaniline	0	9	0.00	1.50	1.50	1.50	0.00	0.00	1.50
	3NT	3-Nitrotoluene	0	9	0.00	0.17	0.17	0.17	0.00	0.00	0.17
	46DN2C	4,6-Dinitro-2-cresol	0	9	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	4BRPPE	4-Bromophenyl phenyl ether	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	4CANIL	4-Chloroaniline	0	9	0.00	0.32	0.32	0.32	0.00	0.00	0.32
	4CL3C	3-Methyl-4-chlorophenol	0	9	0.00	0.47	0.47	0.47	0.00	0.00	0.47
	4CLPPE	4-Chlorophenyl phenyl ether	0	9	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	4MP	p-Cresol	0	9	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	4NANIL	4-Nitroaniline	0	9	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	4NP	4-Nitrophenol	0	9	0.00	1.65	1.65	1.65	0.00	0.00	1.65
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2	9	22.22	0.00	0.00	0.00	0.00	0.00	6.91E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXD	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	789HXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ABHC	alpha-Hexachlorocyclohexane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ACLDDAN	alpha-Chlordane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AENSLF	Endosulfan I	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AG	Silver	0	9	0.00	0.40	0.40	0.40	0.00	0.00	0.40
	AL	Aluminum	9	9	100.00	534.00	10700.00	2902.56	4123.30	5459.00	5459.00
	ALDRN	Aldrin	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ANAPNE	Acenaphthene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANAPYL	Acenaphthylene	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ANIL	Aniline	0	9	0.00	0.07	0.07	0.07	0.00	0.00	0.07

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
42 (cont.)	ANTRC	Anthracene	0	9	0.00	0.36	0.36	0.36	0.00	0.00	0.36
	AS	Arsenic	9	9	100.00	11.00	27.20	18.89	5.78	22.47	22.47
	ATZ	Atrazine	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	B2CEXM	Bis(2-chloroethoxy) methane	0	9	0.00	0.10	0.10	0.10	0.00	0.00	0.10
	B2CIPE	Bis(2-chloroisopropyl) ether	0	9	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	B2CLEE	Bis(2-chloroethyl) ether	0	9	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	B2EHP	Bis(2-ethylhexyl) phthalate	0	9	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	BA	Barium	9	9	100.00	15.00	623.00	294.33	176.09	403.51	403.51
	BAANTR	Benzo[a]anthracene	2	9	22.22	0.02	0.14	0.05	0.05	0.08	0.08
	BAPYR	Benzo[a]pyrene	0	9	0.00	0.60	0.60	0.60	0.00	0.00	0.60
	BBFANT	Benzo[b]fluoranthene	0	9	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	BBHC	beta-Hexachlorocyclohexane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BBZP	Butylbenzyl phthalate	0	9	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	BE	Beryllium	7	9	77.78	0.21	0.61	0.46	0.14	0.55	0.55
	BENSLF	Endosulfan II	1	9	11.11	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benidine	0	9	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	BENZOZ	Benzoic acid	0	9	0.00	1.55	1.55	1.55	0.00	0.00	1.55
	BGHIPY	Benzo[ghi]perylene	0	9	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	BKFANT	Benzo[k]fluoranthene	1	9	11.11	0.07	0.25	0.09	0.06	0.12	0.12
	BZALC	Benzyl alcohol	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	CA	Calcium	9	9	100.00	582.00	6270.00	2607.78	2531.04	4177.02	4177.02
	CD	Cadmium	7	9	77.78	0.60	13.80	4.15	4.09	6.69	6.69
	CHRY	Chrysene	4	9	44.44	0.02	0.28	0.08	0.09	0.14	0.14
	CL6BZ	Hexachlorobenzene	0	9	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	CL6CP	Hexachlorocyclopentadiene	0	9	0.00	0.26	0.26	0.26	0.00	0.00	0.26
	CL6ET	Hexachloroethane	0	9	0.00	0.90	0.90	0.90	0.00	0.00	0.90
	CLDAN	Chlordane	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CO	Cobalt	8	9	88.89	1.25	12.10	5.93	3.18	7.90	7.90
	CPMS	p-Chlorophenylmethyl sulfide	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	9	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	CPMSO2	p-Chlorophenylmethyl sulfone	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	CR	Chromium	9	9	100.00	1.22	18.90	9.95	6.41	13.92	13.92
	CU	Copper	9	9	100.00	26.90	133.00	77.61	38.04	101.19	101.19
	CYN	Cyanide	1	9	11.11	0.13	0.43	0.16	0.10	0.22	0.22
	DBAHA	Dibenz[a,h]anthracene	0	9	0.00	0.16	0.16	0.16	0.00	0.00	0.16
	DBCP	Dibromochloropropane	0	9	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBHC	delta-Hexachlorocyclohexane	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	DBZFUR	Dibenzofuran	0	9	0.00	0.19	0.19	0.19	0.00	0.00	0.19
	DCPD	Dicyclopentadiene	0	9	0.00	0.29	0.29	0.29	0.00	0.00	0.29
	DDVP	Vapona	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DEP	Diethyl phthalate	0	9	0.00	0.12	0.12	0.12	0.00	0.00	0.12

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Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
42 (cont.)	DITH	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DLDRN	1	9	11.11	0.00	0.00	0.00	0.00	0.00	0.00
	DMP	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	DNBP	0	9	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	DNOP	0	9	0.00	0.12	0.12	0.12	0.00	0.00	0.12
	ENDRN	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNA	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ENDRNK	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	0	9	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	FANT	4	9	44.44	0.02	0.14	0.05	0.05	0.08	0.08
	FE	9	9	100.00	683.00	13000.00	3505.89	4847.88	6511.58	6511.58
	FLRENE	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	GCLDAN	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HCBD	0	9	0.00	0.49	0.49	0.49	0.00	0.00	0.49
	HG	4	9	44.44	0.03	0.19	0.06	0.05	0.09	0.09
	HMX	0	9	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HPCL	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ICDPYR	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	INDENO	0	9	0.00	1.20	1.20	1.20	0.00	0.00	1.20
	ISODR	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ISOPHR	0	9	0.00	0.20	0.20	0.20	0.00	0.00	0.20
	K	9	9	100.00	187.00	3130.00	874.56	1203.30	1620.60	1620.60
	KEP	0	9	0.00	0.65	0.65	0.65	0.00	0.00	0.65
	LIN	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MEXCLR	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	MG	9	9	100.00	298.00	4110.00	1374.00	1478.59	2290.73	2290.73
	MIREX	0	9	0.00	0.07	0.07	0.07	0.00	0.00	0.07
	MLTHN	0	9	0.00	0.09	0.09	0.09	0.00	0.00	0.09
	MN	9	9	100.00	15.40	365.00	93.98	140.17	180.88	180.88
	NA	9	9	100.00	83.70	167.00	104.57	25.32	120.26	120.26
	NAP	0	9	0.00	0.37	0.37	0.37	0.00	0.00	0.37
	NB	0	9	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	9	9	100.00	6.04	28.60	14.60	8.39	19.80	19.80
	NNDMA	0	9	0.00	0.23	0.23	0.23	0.00	0.00	0.23
	NNDPA	0	9	0.00	0.55	0.55	0.55	0.00	0.00	0.55
	NNDPA	0	9	0.00	0.15	0.15	0.15	0.00	0.00	0.15
	OCDD	8	9	88.89	0.00	0.00	0.00	0.00	0.00	0.00
	OCDF	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	0	9	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	PB	9	9	100.00	17.20	822.00	432.91	250.17	588.01	588.01

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
42 (cont.)	PCB016	PCB 1016	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB221	PCB 1221	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB232	PCB 1232	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB242	PCB 1242	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB248	PCB 1248	0	9	0.00	0.05	0.05	0.05	0.00	0.00	0.05
	PCB254	PCB 1254	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB260	PCB 1260	0	9	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	PCB262	PCB 1262	0	9	0.00	3.15	3.15	3.15	0.00	0.00	3.15
	PCP	Pentachlorophenol	0	9	0.00	0.38	0.38	0.38	0.00	0.00	0.38
	PHANTR	Phenanthrene	4	9	44.44	0.02	0.42	0.10	0.13	0.18	0.18
	PHENOL	Phenol	0	9	0.00	0.03	0.03	0.03	0.00	0.00	0.03
	PPDDD	ppDDD	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	1	9	11.11	0.00	0.00	0.00	0.00	0.00	0.00
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2	9	22.22	0.00	0.01	0.00	0.00	0.00	0.00
	PRTHN	Parathion	0	9	0.00	0.85	0.85	0.85	0.00	0.00	0.85
	PYR	Benzo[def]phenanthrene	4	9	44.44	0.04	0.40	0.15	0.15	0.25	0.25
	RDX	RDX / Cyclonite	0	9	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SB	Antimony	9	9	100.00	2.35	352.00	125.76	133.36	208.44	208.44
	SE	Selenium	1	9	11.11	0.22	1.04	0.32	0.27	0.48	0.48
	SUPONA	Supona	0	9	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3	9	33.33	0.00	0.00	0.00	0.00	0.00	0.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	9	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	9	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	9	0.00	0.11	0.11	0.11	0.00	0.00	0.11
	V	Vanadium	9	9	100.00	10.50	13.90	12.21	1.08	12.88	12.88
	ZN	Zinc	9	9	100.00	8.46	124.00	60.93	41.79	86.84	86.84
45	123TCB	1,2,3-Trichlorobenzene	0	6	0.00	0.02	1.00	0.25	0.38	0.57	1.00
	124TCB	1,2,4-Trichlorobenzene	0	6	0.00	0.11	5.00	1.39	1.92	2.97	5.00
	12DCLB	1,2-Dichlorobenzene	0	6	0.00	0.02	1.00	0.28	0.38	0.59	1.00
	12DPH	1,2-Diphenylhydrazine	0	6	0.00	0.26	15.00	3.88	5.76	8.62	15.00
	135TNB	1,3,5-Trinitrobenzene	0	6	0.00	0.46	0.46	0.46	0.00	0.00	0.46
	13DCLB	1,3-Dichlorobenzene	0	6	0.00	0.02	1.00	0.28	0.38	0.59	1.00
	13DNB	1,3-Dinitrobenzene	0	6	0.00	0.25	1.00	0.25	0.00	0.00	0.25
	14DCLB	1,4-Dichlorobenzene	0	6	0.00	0.02	1.00	0.26	0.39	0.58	1.00
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	236TCP	2,3,6-Trichlorophenol	0	6	0.00	0.31	15.00	3.99	5.72	8.70	15.00
	245TCP	2,4,5-Trichlorophenol	0	6	0.00	0.25	10.00	3.04	3.90	6.25	10.00
	246TCP	2,4,6-Trichlorophenol	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	246TNT	2,4,6-Trinitrotoluene	0	6	0.00	1.00	1.00	1.00	0.00	0.00	1.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
45 (cont.)										
24DCLP	2,4-Dichlorophenol	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
24DMPN	2,4-Dimethylphenol	0	6	0.00	1.50	100.00	24.92	38.49	56.58	100.00
24DNP	2,4-Dinitrophenol	0	6	0.00	2.35	100.00	29.51	38.58	61.25	100.00
24DNT	2,4-Dinitrotoluene	0	6	0.00	1.25	1.25	1.25	0.00	0.00	1.25
26DNA	2,6-Dinitroaniline	0	6	0.00	0.29	15.00	3.98	5.73	8.69	15.00
26DNT	2,6-Dinitrotoluene	0	6	0.00	1.00	1.00	1.00	0.00	0.00	1.00
2CLP	2-Chlorophenol	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
2CNAP	2-Chloronaphthalene	0	6	0.00	0.12	5.00	1.48	1.96	3.09	5.00
2MNAP	2-Methylnaphthalene	0	6	0.00	0.02	1.00	0.25	0.38	0.57	1.00
2MP	o-Cresol	0	6	0.00	0.05	2.50	0.69	0.96	1.48	2.50
2NANIL	2-Nitroaniline	0	6	0.00	1.55	100.00	24.94	38.47	56.59	100.00
2NP	2-Nitrophenol	0	6	0.00	0.55	30.00	7.78	11.52	17.25	30.00
33DCBD	3,3'-Dichlorobenzidine	0	6	0.00	0.80	40.00	11.23	15.30	23.82	40.00
35DNA	3,5-Dinitroaniline	0	6	0.00	0.80	40.00	11.23	15.30	23.82	40.00
3NANIL	3-Nitroaniline	0	6	0.00	1.50	100.00	24.92	38.49	56.58	100.00
3NT	3-Nitrotoluene	0	6	0.00	0.17	10.00	2.59	3.86	5.76	10.00
46DN2C	4,6-Dinitro-2-cresol	0	6	0.00	0.40	20.00	5.87	7.87	12.34	20.00
4BRPPE	4-Bromophenyl phenyl ether	0	6	0.00	0.02	1.00	0.28	0.39	0.59	1.00
4CANIL	4-Chloroaniline	0	6	0.00	0.32	15.00	3.99	5.72	8.70	15.00
4CL3C	3-Methyl-4-chlorophenol	0	6	0.00	0.47	25.00	6.82	9.67	14.77	25.00
4CLPPE	4-Chlorophenyl phenyl ether	0	6	0.00	0.09	4.00	1.13	1.53	2.38	4.00
4MP	p-Cresol	0	6	0.00	0.12	5.00	1.48	1.96	3.09	5.00
4NANIL	4-Nitroaniline	0	6	0.00	1.55	100.00	24.94	38.47	56.59	100.00
4NP	4-Nitrophenol	0	6	0.00	1.65	100.00	25.83	38.62	57.59	100.00
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ABHC	alpha-Hexachlorocyclohexane	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.00
ACLDAN	alpha-Chlordane	3	6	50.00	0.02	0.14	0.06	0.05	0.11	0.11
AENSLF	Endosulfan I	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
AG	Silver	0	6	0.00	0.40	0.40	0.40	0.00	0.00	0.40
AL	Aluminum	6	6	100.00	7670.00	16300.00	11981.67	3181.17	14598.56	14598.56
ALDRN	Aldrin	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
43 (cont.)	ANAPNE	Acenaphthene	0	6	0.00	0.02	1.00	0.28	0.39	0.59	1.00
	ANAPYL	Acenaphthylene	0	6	0.00	0.02	1.00	0.26	0.39	0.58	1.00
	ANIL	Aniline	0	6	0.00	0.07	3.00	0.87	1.18	1.84	3.00
	ANTRC	Anthracene	0	6	0.00	0.36	20.00	4.93	7.64	11.21	20.00
	AS	Arsenic	6	6	100.00	13.10	49.00	22.08	13.40	33.11	33.11
	ATZ	Atrazine	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	B2CEXM	Bis(2-chloroethoxy) methane	0	6	0.00	0.10	5.00	1.38	1.93	2.97	5.00
	B2CIPE	Bis(2-chloroisopropyl) ether	0	6	0.00	0.22	10.00	2.86	3.88	6.05	10.00
	B2CLFE	Bis(2-chloroethyl) ether	0	6	0.00	0.18	10.00	2.67	3.83	5.83	10.00
	B2EHP	Bis(2-ethylhexyl) phthalate	0	6	0.00	0.24	10.00	3.04	3.90	6.25	10.00
	BA	Barium	6	6	100.00	83.20	163.00	116.42	32.10	142.82	142.82
	BAANTR	Benzo[a]anthracene	0	6	0.00	0.02	1.00	0.28	0.39	0.59	1.00
	BAPYR	Benzo[a]pyrene	0	6	0.00	0.60	30.00	7.80	11.50	17.26	30.00
	BBFANT	Benzo[b]fluoranthene	0	6	0.00	0.16	10.00	2.49	3.85	5.66	10.00
	BBHC	beta-Hexachlorocyclohexane	0	6	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	BBZP	Butylbenzyl phthalate	0	6	0.00	0.90	45.00	12.95	17.44	27.30	45.00
	BE	Beryllium	4	6	66.67	0.21	0.88	0.56	0.28	0.79	0.79
	BENSLF	Endosulfan II	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BENZID	Benzidine	0	6	0.00	0.07	3.00	0.87	1.18	1.84	3.00
	BENZOZ	Benzoic acid	0	6	0.00	1.55	100.00	24.94	38.47	56.59	100.00
	BGHIPY	Benzo[ghi]perylene	0	6	0.00	0.09	4.50	1.30	1.74	2.73	4.50
	BKFANT	Benzo[k]fluoranthene	0	6	0.00	0.07	3.00	0.87	1.18	1.84	3.00
	BZALC	Benzyl alcohol	0	6	0.00	0.02	1.00	0.25	0.38	0.57	1.00
	CA	Calcium	6	6	100.00	7610.00	39300.00	23585.00	14360.98	35398.63	35398.63
	CD	Cadmium	5	6	83.33	0.60	7.04	2.87	2.37	4.82	4.82
	CHRY	Chrysene	1	6	16.67	0.02	1.00	0.27	0.37	0.57	0.57
	CL6BZ	Hexachlorobenzene	0	6	0.00	0.04	2.00	0.59	0.79	1.23	2.00
	CL6CP	Hexachlorocyclopentadiene	0	6	0.00	0.26	15.00	3.88	5.76	8.62	15.00
	CL6ET	Hexachloroethane	0	6	0.00	0.90	45.00	12.95	17.44	27.30	45.00
	CLDAN	Chlordane	2	6	33.33	0.34	1.80	0.78	0.68	1.34	1.34
	CO	Cobalt	6	6	100.00	2.91	6.16	4.34	1.37	5.47	5.47
	CPMS	p-Chlorophenylmethyl sulfide	0	6	0.00	0.05	2.50	0.69	0.96	1.48	2.50
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	6	0.00	0.16	10.00	2.50	3.85	5.66	10.00
	CPMSO2	p-Chlorophenylmethyl sulfone	0	6	0.00	0.03	1.50	0.41	0.57	0.88	1.50
	CR	Chromium	6	6	100.00	12.90	105.00	35.70	35.13	64.60	64.60
	CU	Copper	6	6	100.00	21.80	129.00	57.92	41.14	91.76	91.76
	CYN	Cyanide	4	6	66.67	0.13	1.02	0.49	0.34	0.77	0.77
	DBAHA	Dibenz[ah]anthracene	0	6	0.00	0.16	10.00	2.49	3.85	5.66	10.00
	DBCP	Dibromochloropropane	0	6	0.00	0.04	2.00	0.49	0.76	1.12	2.00
	DBHC	delta-Hexachlorocyclohexane	0	6	0.00	0.04	0.04	0.04	0.00	0.00	0.04
	DBZFUR	Dibenzofuran	0	6	0.00	0.19	10.00	2.76	3.86	5.93	10.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
45 (cont.)	DCPD	Dicyclopentadiene	0	6	0.00	0.29	15.00	3.98	5.73	8.69	15.00
	DDVP	Vapona	0	6	0.00	0.03	1.50	0.41	0.57	0.88	1.50
	DEP	Diethyl phthalate	0	6	0.00	0.12	5.00	1.48	1.96	3.09	5.00
	DITH	Dithiane	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	DLDRN	Dieldrin	2	6	33.33	0.01	0.27	0.05	0.11	0.14	0.14
	DMP	Dimethyl phthalate	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	DNBP	Di-n-butyl phthalate	0	6	0.00	0.65	30.00	8.66	11.84	18.40	30.00
	DNOP	Di-n-octyl phthalate	0	6	0.00	0.12	5.00	1.47	1.96	3.09	5.00
	ENDRN	Endrin	2	6	33.33	0.03	0.08	0.05	0.02	0.07	0.07
	ENDRNA	Endrin aldehyde	1	6	16.67	0.00	0.01	0.00	0.00	0.00	0.00
	ENDRNK	Endrin ketone	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ESFSO4	Endosulfan sulfate	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FAMPHR	Famiphos	0	6	0.00	0.65	30.00	8.66	11.84	18.40	30.00
	FANT	Fluoranthene	1	6	16.67	0.02	1.00	0.26	0.38	0.57	0.57
	FE	Iron	6	6	100.00	10000.00	18700.00	14283.33	3680.99	17311.39	17311.39
	FLRENE	Fluorene	0	6	0.00	0.03	1.50	0.40	0.57	0.87	1.50
	GCLDAN	gamma-Chlordane	3	6	50.00	0.02	0.18	0.07	0.07	0.13	0.13
	HCB	Hexachlorobutadiene	0	6	0.00	0.49	25.00	6.91	9.64	14.84	25.00
	HG	Mercury	4	6	66.67	0.03	0.22	0.09	0.07	0.15	0.15
	HMX	Cyclooctamethylenetetranitramine	0	6	0.00	1.00	1.00	1.00	0.00	0.00	1.00
	HPCL	Heptachlor	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	HPCLE	Heptachlor epoxide	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	ICDPYR	Indeno[1,2,3-C,D]pyrene	0	6	0.00	1.20	50.00	14.77	19.60	30.89	50.00
	ISODR	Isodrin	0	6	0.00	0.02	0.02	0.02	0.00	0.00	0.02
	ISOPHR	Isophorone	0	6	0.00	0.20	10.00	2.76	3.85	5.93	10.00
	K	Potassium	6	6	100.00	2330.00	5000.00	3486.67	895.07	4222.97	4222.97
	KEP	Kepon	0	6	0.00	0.65	30.00	8.66	11.84	18.40	30.00
	LIN	Lindane	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	MEXCLR	Methoxychlor	0	6	0.00	0.18	0.18	0.18	0.00	0.00	0.18
	MG	Magnesium	6	6	100.00	5370.00	8420.00	6710.00	1365.43	7833.23	7833.23
	MIREX	Mirex	0	6	0.00	0.07	3.50	0.95	1.37	2.08	3.50
	MLTHN	Malathion	0	6	0.00	0.09	4.50	1.30	1.74	2.73	4.50
	MN	Manganese	6	6	100.00	227.00	462.00	300.67	84.29	370.00	370.00
	NA	Sodium	6	6	100.00	132.00	730.00	391.33	222.92	574.71	574.71
	NAP	Naphthalene	0	6	0.00	0.37	20.00	4.94	7.64	11.22	20.00
	NB	Nitrobenzene	0	6	0.00	0.57	0.57	0.57	0.00	0.00	0.57
	NI	Nickel	6	6	100.00	8.07	16.70	12.22	3.35	14.97	14.97
	NNDMEA	N-Nitrosodimethylamine	0	6	0.00	0.23	10.00	2.95	3.86	6.12	10.00
	NNDNPA	N-Nitrosodi-n-propylamine	0	6	0.00	0.55	30.00	7.78	11.52	17.25	30.00
	NNDPA	N-Nitrosodiphenylamine	0	6	0.00	0.15	5.00	1.66	1.99	3.30	5.00
	OCDD	Octachlorodibenzodioxin - nonspecific	4	6	66.67	0.00	0.00	0.00	0.00	0.00	0.00

Summary Statistics for the Co-located Soil Samples Collected at ESA-1 and ESA-2 (continued)

SWMU Number	Analyte Code	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm
45 (cont.)	OCDF	Octachlorodibenzofuran - nonspecific	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	OXAT	1,4-Oxathiane	0	6	0.00	0.04	2.00	0.59	0.79	1.23	2.00
	PB	Lead	6	6	100.00	61.20	664.00	211.93	226.81	398.51	398.51
	PCB016	PCB 1016	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB221	PCB 1221	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB232	PCB 1232	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB242	PCB 1242	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB248	PCB 1248	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB254	PCB 1254	0	6	0.00	0.50	0.50	0.50	0.00	0.00	0.50
	PCB260	PCB 1260	0	6	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	PCB262	PCB 1262	0	6	0.00	0.24	0.24	0.24	0.00	0.00	0.24
	PCP	Pentachlorophenol	0	6	0.00	3.15	150.00	39.91	57.23	86.98	150.00
	PHANTR	Phenanthrene	0	6	0.00	0.38	20.00	5.86	7.88	12.34	20.00
	PHENOL	Phenol	0	6	0.00	0.02	1.00	0.25	0.38	0.57	1.00
	PPDDD	ppDDD	0	6	0.00	0.03	1.50	0.39	0.58	0.86	1.50
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3	6	50.00	0.01	0.09	0.04	0.04	0.07	0.07
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	6	0.00	0.01	0.01	0.01	0.00	0.00	0.01
	PRTHN	Parathion	3	6	50.00	0.02	0.08	0.04	0.03	0.06	0.06
	PYR	Benzo[def]phenanthrene	0	6	0.00	0.85	40.00	11.26	15.28	23.82	40.00
	RDX	RDX / Cyclonite	0	6	0.00	0.04	2.00	0.59	0.79	1.23	2.00
	SB	Antimony	0	6	0.00	0.64	0.64	0.64	0.00	0.00	0.64
	SE	Selenium	1	6	16.67	0.50	2.57	0.85	0.85	1.54	1.54
	SUPONA	Supona	0	6	0.00	0.22	0.22	0.22	0.00	0.00	0.22
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	6	0.00	0.46	25.00	6.81	9.67	14.77	25.00
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TETRYL	Tetryl	0	6	0.00	1.06	1.06	1.06	0.00	0.00	1.06
	TL	Thallium	0	6	0.00	17.15	17.15	17.15	0.00	0.00	17.15
	TXPHEN	Toxaphene	0	6	0.00	1.15	1.15	1.15	0.00	0.00	1.15
	V	Vanadium	6	6	100.00	13.80	22.80	18.82	4.23	22.30	22.30
	ZN	Zinc	6	6	100.00	89.40	518.00	232.73	158.25	362.91	362.91

Note.—Concentrations in ug/g. parts per million.

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
10	123TCB	1,2,3-Trichlorobenzene	ND ⁽¹⁾	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-07	1.60E-06	1.52E-07	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-07	1.60E-06	1.52E-07	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	1.20E-07	1.30E-06	1.23E-07	ND	ND
	234HDF	2,3,4,6,7,8-Hexachlorodibenzofuran	4.69E-02	2.24E-05	5.92E-07	1.18E-06	1.18E-06	1.16E-02	1.54E-05	1.66E-04	1.58E-05	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.83E-01	8.84E-05	2.34E-06	4.69E-06	4.69E-06	4.58E-02	6.11E-05	6.57E-04	6.23E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	243TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	8.85E-02	7.08E-05	7.62E-04	4.53E-05	4.76E-01	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.48E-04	1.59E-03	9.06E-05	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	3.28E-02	2.62E-05	2.82E-04	1.65E-05	1.00E-03	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	1.28E-04	1.69E-07	1.82E-06	1.76E-07	6.40E-04	9.23E-05
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	2.17E-05	2.89E-08	3.11E-07	2.96E-08	ND	ND
	2MP	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	7.08E-08	7.62E-07	7.25E-08	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.29E-03	1.57E-06	4.15E-08	8.27E-08	8.27E-08	8.11E-04	1.08E-06	1.16E-05	1.11E-06	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8.02E-03	3.82E-06	1.01E-07	2.01E-07	2.01E-07	1.98E-03	2.63E-06	2.83E-05	2.69E-06	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.53E-02	2.16E-05	5.71E-07	1.14E-06	1.14E-06	1.12E-02	1.49E-05	1.60E-04	1.52E-05	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10 (cont.)	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	4.21E-04	2.01E-07	5.30E-09	1.06E-08	1.06E-08	1.04E-04	1.38E-07	1.49E-06	1.41E-07	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.10E-04	2.90E-07	7.68E-09	1.53E-08	1.53E-08	1.50E-04	2.00E-07	2.15E-06	2.05E-07	ND	ND
	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.05E-04	1.93E-07	5.10E-09	1.02E-08	1.02E-08	9.97E-05	1.33E-07	1.43E-06	1.36E-07	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	4.96E-04	2.36E-07	6.26E-09	1.25E-08	1.25E-08	1.22E-04	1.63E-07	1.75E-06	1.67E-07	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	4.59E-02	2.19E-05	5.78E-07	1.15E-06	1.15E-06	1.13E-02	1.50E-05	1.62E-04	1.54E-05	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	4.64E-04	2.21E-07	5.85E-09	1.17E-08	1.17E-08	1.14E-04	1.52E-07	1.64E-06	1.56E-07	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.58E-01	1.23E-04	3.23E-06	6.53E-06	6.53E-06	6.37E-02	8.50E-05	9.15E-04	8.70E-05	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.85E-02	8.84E-06	2.34E-07	4.69E-07	4.69E-07	4.58E-03	6.11E-06	6.57E-05	6.25E-06	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	3.99E-07	1.06E-08	2.11E-08	2.11E-08	ND	ND	ND	ND	ND	ND
	ACL DAN	Endosulfan I	1.02E-04	4.85E-08	1.28E-09	2.57E-09	2.57E-09	7.38E-05	5.90E-08	6.35E-07	6.04E-08	ND	ND
	AENSLF	Endosulfan I	1.20E-03	5.70E-07	1.51E-08	3.01E-08	3.01E-08	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	1.10E-05	2.92E-07	5.81E-07	5.81E-07	2.61E-04	1.67E-07	2.25E-06	2.14E-07	2.01E-01	ND
	AL	Aluminum	1.00E-03	4.79E-07	9.74E-09	2.53E-08	2.53E-08	2.12E-00	2.12E-03	1.82E-02	2.17E-03	5.47E+00	1.43E+00
	ALDRN	Aldrin	ND	ND	ND	ND	ND	6.20E-04	4.96E-07	5.34E-06	2.54E-07	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	2.17E-07	2.33E-06	2.25E-07	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-07	1.88E-06	1.81E-07	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	3.75E-06	4.04E-05	3.90E-06	1.42E-02	2.05E-03
	AS	Arsenic	2.07E-01	9.87E-05	2.61E-06	5.22E-06	5.22E-06	2.82E-02	3.76E-05	4.05E-04	3.85E-05	4.04E-01	6.73E-02
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	7.89E-06	2.09E-07	4.17E-07	4.17E-07	6.25E-05	8.33E-08	8.97E-07	8.53E-08	2.40E-03	ND
	BA	Barium	3.68E-01	1.76E-04	4.64E-06	9.29E-06	9.29E-06	1.11E-01	1.49E-04	1.60E-03	1.52E-04	9.96E-02	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.64E-04	2.17E-07	2.33E-06	2.25E-07	8.20E-04	1.18E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	6.34E-06	6.83E-05	6.59E-06	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	1.64E-06	1.76E-05	1.70E-06	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.10E-06	2.90E-08	5.80E-08	5.80E-08	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	2.96E-05	7.83E-07	1.57E-06	1.57E-06	2.34E-04	3.12E-07	3.36E-06	3.20E-07	9.00E-03	ND
	BE	Beryllium	1.58E-03	7.53E-07	1.99E-08	3.98E-08	3.98E-08	1.33E-04	1.78E-07	1.91E-06	1.82E-07	2.14E-02	ND
	BENSLF	Endosulfan II	8.37E-04	3.99E-07	1.06E-08	2.11E-08	2.11E-08	ND	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZO A	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.18E-04	9.51E-07	1.02E-05	9.88E-07	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.18E-04	6.87E-07	7.39E-06	7.14E-07	2.60E-03	3.76E-04
	BZALC	Benzo[ghi]perylene	1.15E-02	5.47E-06	1.45E-07	2.89E-07	2.89E-07	6.81E-05	5.45E-08	2.35E-07	5.58E-08	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	3.16E-04	8.35E-06	1.55E-05	1.55E-05	6.40E-03	8.50E-06	9.15E-05	8.70E-06	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-04	1.69E-07	1.82E-06	1.76E-07	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Fox	Plants	Soil Fauna
10 (cont.)	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	0	0	0	0	0	0	0	0	0	ND	ND
	CO	Cobalt	0	0	0	0	0	0	0	0	0	6.25E-02	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	4	0	0	0	0	0	0	0	0	8.81E-02	1.65E+01
	CU	Copper	0	0	0	0	0	0	0	0	0	6.04E-02	7.21E-02
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[a,h]anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.20E-03	8.96E-04
	DBHC	delta-Hexachlorocyclohexane	0	0	0	0	0	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	0	0	0	0	0	0	0	0	0	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	0	0	0	0	0	0	0	0	0	ND	1.60E-05
	DMP	Dimethyl phthalate	0	0	0	0	0	0	0	0	0	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	0	0	0	0	0	0	0	0	0	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	0	0	0	0	0	0	0	0	0	ND	ND
	ENDRN	Endrin	0	0	0	0	0	0	0	0	0	ND	ND
	ENDRNA	Endrin aldehyde	0	0	0	0	0	0	0	0	0	ND	ND
	ENDRNK	Endrin ketone	0	0	0	0	0	0	0	0	0	ND	ND
	ESFSO4	Endosulfan sulfate	0	0	0	0	0	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	0	0	0	0	6.40E-04	9.25E-05
	FE	Iron	12	0	0	0	0	9	0	0	0	ND	6.53E+00
	FLRENE	Fluorene	ND	ND	ND	ND	ND	0	0	0	0	1.30E-03	1.88E-04
	GCLDAN	gamma-Chlordane	0	0	0	0	0	0	0	0	0	ND	ND
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	0	0	0	0	0	0	0	0	0	1.84E-01	5.52E-02
	HMX	Cyclotetramethylenetetramine	ND	ND	ND	ND	ND	0	0	0	0	ND	ND
	HPCL	Heptachlor	0	0	0	0	0	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	0	0	0	0	0	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	0	0	0	0	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Analyle	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbitt	Fox	Plants	Soil Fauna
Number	Name												
10 (cont.)	LIN	Lindane	1.20E-03	5.70E-07	1.51E-08	3.01E-08	3.01E-08	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	3.07E-07	8.12E-09	1.62E-08	1.62E-08	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	2.00E-01	9.51E-05	2.51E-06	5.03E-06	5.03E-06	6.06E-05	6.06E-05	6.52E-04	6.19E-05	2.28E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	3.91E-06	4.21E-05	4.06E-06	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.35E-05	1.45E-04	1.38E-05	ND	1.43E-02
	NI	Nickel	1.29E-01	6.17E-05	1.63E-06	3.26E-06	3.26E-06	4.41E-03	5.88E-06	6.33E-05	6.02E-06	2.10E-02	2.63E-02
	NNDMA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	3.85E-09	4.14E-08	3.94E-09	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	1.35E-03	6.43E-07	1.71E-08	3.40E-08	3.40E-08	3.34E-04	4.44E-07	4.78E-06	4.55E-07	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	1.26E-03	6.02E-07	1.59E-08	3.17E-08	3.17E-08	3.11E-04	4.14E-07	4.46E-06	4.24E-07	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.84E-01	1.75E-05	2.32E-06	3.72E-06	3.72E-06	2.48E-02	3.29E-05	3.54E-04	3.37E-05	7.53E-03	6.14E-03
	PCB016	PCB 1016	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	4.09E-05	1.08E-06	2.17E-06	2.17E-06	1.51E-03	1.54E-06	1.66E-05	1.45E-06	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	4.09E-05	1.08E-06	2.17E-06	2.17E-06	1.51E-03	1.54E-06	1.66E-05	1.45E-06	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	5.38E-03	1.42E-04	2.85E-04	2.85E-04	1.99E-01	2.03E-04	2.18E-03	1.90E-04	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.28E-04	1.69E-07	1.82E-06	1.76E-07	6.40E-04	9.25E-05
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.53E-08	1.65E-07	1.57E-08	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	4.62E-06	1.22E-07	1.22E-07	4.88E-08	5.61E-06	5.62E-09	6.05E-08	5.76E-09	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	4.62E-06	1.22E-07	1.22E-07	4.88E-08	5.61E-06	5.62E-09	6.05E-08	5.76E-09	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	5.98E-06	1.58E-07	1.58E-07	6.33E-08	7.27E-06	7.29E-09	7.85E-08	7.46E-09	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	3.31E-04	4.39E-07	4.72E-06	4.56E-07	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.13E-04	1.22E-03	1.16E-04	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	2.95E-05	3.18E-04	3.02E-05	1.00E-01	ND
	SE	Selenium	2.48E-01	1.18E-04	3.12E-06	5.80E-06	5.80E-06	3.98E-02	3.97E-05	4.28E-04	4.07E-05	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.72E+00	8.17E-04	2.16E-05	4.31E-05	4.31E-05	4.23E-01	5.63E-04	6.06E-03	5.76E-04	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3.78E-02	1.80E-05	4.76E-07	9.49E-07	9.49E-07	1.24E-02	1.24E-05	1.33E-04	1.27E-05	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	2.35E-02	6.20E-04	1.55E-03	1.55E-03	5.06E+00	6.07E-03	6.54E-02	6.22E-03	1.72E+01	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
10 (cont.)	TXPHEN	Toxaphene		4.05E-01	1.93E-04	5.11E-06	1.02E-05	1.02E-05	ND	9.77E-05	1.33E-03	1.24E-04	ND	ND
	V	Vanadium		ND	ND	ND	ND	ND	1.54E-01	9.77E-05	1.33E-03	1.24E-04	4.62E+00	ND
	ZN	Zinc		6.25E-01	2.98E-04	7.87E-06	1.57E-05	1.57E-05	3.06E-02	1.96E-05	2.63E-04	2.50E-05	4.70E-01	1.18E-01
11	123TCB	1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene		ND	ND	ND	ND	ND	1.49E-04	2.23E-07	2.40E-06	2.28E-07	ND	ND
	12DPH	1,2-Diphenylhydrazine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene		ND	ND	ND	ND	ND	1.49E-04	2.23E-07	2.40E-06	2.28E-07	ND	ND
	13DNB	1,3-Dinitrobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran		1.19E-01	8.48E-05	2.24E-06	4.47E-06	4.47E-06	1.20E-04	1.81E-07	1.94E-06	1.85E-07	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran		3.23E-01	2.30E-04	6.10E-06	1.22E-05	1.22E-05	7.96E-02	1.59E-04	1.71E-03	5.98E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene		ND	ND	ND	ND	ND	8.85E-02	1.06E-04	1.14E-03	6.80E-05	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene		ND	ND	ND	ND	ND	1.84E-01	2.21E-04	2.38E-03	1.36E-04	1.25E-03	ND
	26DNA	2,6-Dinitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene		ND	ND	ND	ND	ND	3.28E-02	3.93E-05	4.23E-04	2.47E-05	1.00E-03	ND
	2CLP	2-Chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene		ND	ND	ND	ND	ND	1.28E-04	2.54E-07	2.73E-06	2.64E-07	6.40E-04	9.25E-05
	2MP	o-Cresol		ND	ND	ND	ND	ND	2.17E-05	4.34E-08	4.67E-07	4.44E-08	ND	ND
	2NANIL	2-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3SDNA	3,5-Dinitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol		ND	ND	ND	ND	ND	5.31E-05	1.06E-07	1.14E-06	1.09E-07	ND	ND
	4NANIL	4-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
11(cont.)	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.51E-02	1.08E-05	2.86E-07	5.70E-07	5.70E-07	3.72E-03	7.44E-06	8.00E-05	7.61E-06	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.35E-02	9.64E-06	2.55E-07	5.08E-07	5.08E-07	3.32E-03	6.64E-06	7.15E-05	6.80E-06	ND	ND
	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.53E-02	4.67E-05	1.23E-06	2.46E-06	2.46E-06	1.61E-02	3.21E-05	3.46E-04	3.29E-05	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.06E-03	7.60E-07	2.01E-08	4.01E-08	4.01E-08	2.62E-04	5.23E-07	5.63E-06	5.35E-07	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	1.48E-03	1.06E-06	2.81E-08	5.59E-08	5.59E-08	3.66E-04	7.30E-07	7.86E-06	7.47E-07	ND	ND
	789HPD	1,2,3,4,7,8,9-Heptachlorodibenzofuran	5.83E-04	4.16E-07	1.10E-08	2.20E-08	2.20E-08	1.44E-04	2.87E-07	3.09E-06	2.94E-07	ND	ND
	789HFX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.25E-03	8.95E-07	2.37E-08	4.72E-08	4.72E-08	3.08E-04	6.16E-07	6.63E-06	6.31E-07	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.37E-02	4.53E-05	1.20E-06	2.40E-06	2.40E-06	1.57E-02	3.13E-05	3.37E-04	3.21E-05	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.17E-03	8.37E-07	2.21E-08	4.41E-08	4.41E-08	2.88E-04	5.76E-07	6.20E-06	5.90E-07	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.26E-01	1.61E-04	4.27E-06	8.57E-06	8.57E-06	5.37E-02	1.12E-04	1.20E-03	1.14E-04	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	3.20E-02	2.29E-05	6.05E-07	1.21E-06	1.21E-06	7.90E-03	1.58E-05	1.70E-04	1.62E-05	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	5.98E-07	1.58E-08	3.17E-08	3.17E-08	ND	ND	ND	ND	ND	ND
	ACL DAN	alpha-Chlordane	1.02E-04	7.27E-08	1.92E-09	3.85E-09	3.85E-09	7.38E-05	8.85E-08	9.53E-07	9.06E-08	ND	ND
	AENSLF	Endosulfan I	1.20E-03	8.55E-07	2.26E-08	4.52E-08	4.52E-08	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	1.65E-05	4.38E-07	8.72E-07	8.72E-07	2.61E-04	2.51E-07	3.38E-06	3.21E-07	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	1.97E+00	2.96E-03	2.34E-02	3.02E-03	5.08E+00	1.33E+00
	ALDRN	Aldrin	1.00E-03	7.18E-07	1.46E-08	3.80E-08	3.80E-08	6.20E-04	7.44E-07	8.00E-06	3.81E-07	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	3.25E-07	3.50E-06	3.38E-07	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	2.62E-07	2.82E-06	2.72E-07	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	AS	Arsenic	4.88E-01	3.49E-04	9.23E-06	1.85E-05	1.85E-05	6.64E-02	1.33E-04	1.43E-03	1.36E-04	9.52E-01	1.59E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	1.18E-05	3.13E-07	6.26E-07	6.26E-07	6.25E-05	1.23E-07	1.35E-06	1.28E-07	2.40E-03	ND
	BA	Barium	1.07E+00	7.67E-04	2.03E-05	4.06E-05	4.06E-05	3.24E-01	6.50E-04	6.99E-03	6.62E-04	2.90E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.64E-04	3.25E-07	3.50E-06	3.38E-07	8.20E-04	1.18E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	9.51E-06	1.02E-04	9.88E-06	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	2.46E-06	2.64E-05	2.55E-06	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.65E-06	4.35E-08	8.71E-08	8.71E-08	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	4.44E-05	1.17E-06	2.35E-06	2.35E-06	2.34E-04	4.69E-07	5.04E-06	4.80E-07	9.00E-03	ND
	BE	Beryllium	1.58E-03	1.13E-06	2.99E-08	5.97E-08	5.97E-08	1.33E-04	2.67E-07	2.87E-06	2.73E-07	2.14E-02	ND
	BENSLF	Endosulfan II	8.37E-04	5.98E-07	1.58E-08	3.17E-08	3.17E-08	ND	ND	ND	ND	ND	ND
	BENZID	Benidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZO A	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.18E-04	1.43E-06	1.54E-05	1.48E-06	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.18E-04	1.03E-06	1.11E-05	1.07E-06	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	1.15E-02	8.21E-06	2.17E-07	4.34E-07	4.34E-07	6.81E-05	8.17E-08	3.52E-07	8.36E-08	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Keastrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
11(cont.)	CD	Cadmium	2.36E+00	1.69E-03	4.47E-05	8.29E-05	8.29E-05	2.28E-02	4.55E-05	4.89E-04	4.65E-05	7.13E-01	1.07E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-04	2.54E-07	2.73E-06	2.64E-07	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	1.24E-06	3.29E-08	6.58E-08	6.58E-08	1.26E-03	1.51E-06	1.63E-05	1.55E-06	ND	ND
	CO	Cobalt	1.07E-03	7.63E-07	2.02E-08	4.04E-08	4.04E-08	1.38E-01	2.66E-04	2.86E-03	3.40E-04	6.25E-02	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	1.37E+01	9.78E-03	2.59E-04	5.18E-04	5.18E-04	5.49E-02	6.59E-05	7.09E-04	5.39E-05	3.31E-01	6.20E+01
	CU	Copper	2.00E+00	1.43E-03	3.78E-05	7.56E-05	7.56E-05	8.68E-01	1.04E-03	1.12E-02	8.54E-04	1.54E+00	1.84E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	2.46E-06	2.64E-05	2.55E-06	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	1.82E-06	4.80E-08	9.61E-08	9.61E-08	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	5.92E-06	1.57E-07	3.13E-07	3.13E-07	3.12E-05	6.25E-08	6.73E-07	6.40E-08	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	4.51E-03	3.22E-06	6.55E-08	1.70E-07	1.70E-07	2.78E-03	3.34E-06	3.59E-05	1.71E-06	ND	6.28E-05
	DMP	Dimethyl phthalate	2.17E-03	1.55E-06	4.11E-08	8.22E-08	8.22E-08	8.20E-06	1.64E-08	1.77E-07	1.68E-08	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	3.21E-05	8.48E-07	1.70E-06	1.70E-06	1.69E-04	3.38E-07	3.64E-06	3.46E-07	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	5.67E-06	1.50E-07	3.00E-07	3.00E-07	2.99E-05	5.99E-08	6.44E-07	6.13E-08	ND	ND
	ENDRN	Endrin	2.22E-01	1.59E-04	4.20E-06	8.02E-06	8.02E-06	7.99E-05	9.59E-08	1.03E-06	9.82E-08	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	1.22E-05	3.23E-07	6.17E-07	6.17E-07	6.15E-06	7.38E-09	7.94E-08	7.55E-09	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	1.22E-05	3.23E-07	6.17E-07	6.17E-07	6.15E-06	7.38E-09	7.94E-08	7.55E-09	ND	ND
	ESFSO4	Endosulfan sulfate	1.30E-03	9.32E-07	2.46E-08	4.93E-08	4.93E-08	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.28E-04	2.54E-07	2.73E-06	2.64E-07	6.40E-04	9.25E-05
	FE	Iron	8.81E+01	6.30E-02	1.67E-03	3.33E-03	3.33E-03	6.50E+01	1.30E-01	1.40E+00	1.33E-01	ND	4.79E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	5.15E-07	5.55E-06	5.35E-07	1.30E-03	1.88E-04
	GCCLDAN	gamma-Chlordane	1.59E-03	1.47E-06	3.88E-08	7.75E-08	7.75E-08	7.38E-05	8.85E-08	9.53E-07	9.06E-08	ND	ND
	HCB	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	2.33E-02	1.67E-05	4.41E-07	8.82E-07	8.82E-07	2.18E-03	3.32E-06	3.57E-05	3.40E-06	2.71E-01	8.13E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	8.85E-06	9.53E-05	9.06E-06	ND	ND
	HPCL	Heptachlor	2.63E-03	1.88E-06	4.97E-08	9.95E-08	9.95E-08	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	1.11E-06	2.94E-08	5.88E-08	5.88E-08	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	1.91E-05	2.06E-04	1.96E-05	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
11(cont.)	ISOPHR	Isophorone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepon		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane		1.20E-03	8.55E-07	2.26E-08	4.52E-08	4.52E-08	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor		6.44E-04	4.60E-07	1.22E-08	2.44E-08	2.44E-08	ND	ND	ND	ND	ND	ND
	MG	Magnesium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese		5.76E-01	4.12E-04	1.09E-05	2.18E-05	2.18E-05	1.31E-01	2.62E-04	2.82E-03	2.68E-04	6.58E-01	ND
	NA	Sodium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene		ND	ND	ND	ND	ND	2.95E-03	5.87E-06	6.31E-05	6.09E-06	1.48E-02	2.14E-03
	NB	Nitrobenzene		ND	ND	ND	ND	ND	1.33E-02	2.02E-05	2.17E-04	2.07E-05	ND	1.43E-02
	NI	Nickel		8.80E-01	6.29E-04	1.66E-05	3.33E-05	3.33E-05	3.00E-02	6.00E-05	6.46E-04	6.14E-05	1.43E-01	1.79E-01
	NNDMEA	N-Nitrosodimethylamine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NDPA	N-Nitrosodiphenylamine		ND	ND	ND	ND	ND	2.89E-06	5.78E-09	6.22E-08	5.91E-09	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific		6.03E-02	4.31E-05	1.14E-06	2.27E-06	2.27E-06	1.49E-02	2.97E-05	3.20E-04	3.04E-05	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific		3.91E-03	2.80E-06	7.40E-08	1.47E-07	1.47E-07	9.64E-04	1.93E-06	2.07E-05	1.97E-06	ND	ND
	OXAT	1,4-Oxathiane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead		7.42E+01	1.06E-02	1.40E-03	2.25E-03	2.25E-03	9.99E+00	1.99E-02	2.14E-01	2.04E-02	3.04E+00	2.48E+00
	PCB016	PCB 1016		1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB221	PCB 1221		1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB232	PCB 1232		1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB242	PCB 1242		1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB248	PCB 1248		1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB254	PCB 1254		8.59E-02	6.14E-05	1.62E-06	3.25E-06	3.25E-06	1.51E-03	2.31E-06	2.49E-05	2.17E-06	5.99E-04	9.98E-05
	PCB260	PCB 1260		8.59E-02	6.14E-05	1.62E-06	3.25E-06	3.25E-06	1.51E-03	2.31E-06	2.49E-05	2.17E-06	5.99E-04	9.98E-05
	PCB262	PCB 1262		1.13E+01	8.08E-03	2.14E-04	4.27E-04	4.27E-04	1.99E-01	3.04E-04	3.27E-03	2.85E-04	7.88E-02	1.31E-02
	PCP	Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene		ND	ND	ND	ND	ND	1.28E-04	2.54E-07	2.73E-06	2.64E-07	6.40E-04	9.25E-05
	PHENOL	Phenol		ND	ND	ND	ND	ND	1.15E-05	2.30E-08	2.48E-07	2.36E-08	ND	8.67E-04
	PPDDD	PPDDD		9.69E-03	6.92E-06	1.83E-07	1.83E-07	1.83E-07	5.61E-06	8.44E-09	9.08E-08	8.63E-09	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane		9.69E-03	6.92E-06	1.83E-07	1.83E-07	1.83E-07	5.61E-06	8.44E-09	9.08E-08	8.63E-09	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-trichloroethane		1.26E-02	8.97E-06	2.37E-07	2.37E-07	2.37E-07	7.27E-06	1.09E-08	1.18E-07	1.12E-08	ND	8.75E-06
	PRTHN	Parathion		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo(a)pyrene		ND	ND	ND	ND	ND	3.31E-04	6.58E-07	7.08E-06	6.84E-07	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite		ND	ND	ND	ND	ND	8.09E-02	1.70E-04	1.83E-03	1.74E-04	ND	ND
	SB	Antimony		ND	ND	ND	ND	ND	6.86E-01	1.37E-03	1.48E-02	1.40E-03	3.10E+00	ND
	SE	Selenium		2.48E-01	1.77E-04	4.69E-06	8.70E-06	8.70E-06	3.98E-02	5.96E-05	6.42E-04	6.10E-05	2.25E-01	3.21E-03
	SUPONA	Supona		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin		3.99E-01	2.85E-04	7.55E-06	1.51E-05	1.51E-05	9.84E-02	1.97E-04	2.12E-03	2.01E-04	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
11(cont.)	TCDF	2,3,7,8-Tetrachlorodibenzofuran	7.23E-02	5.17E-05	1.37E-06	2.73E-06	2.73E-06	2.37E-02	3.56E-05	3.83E-04	3.64E-05	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	3.52E-02	9.31E-04	2.33E-03	2.33E-03	5.06E+00	9.11E-03	9.80E-02	9.32E-03	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	2.90E-04	7.67E-06	1.53E-05	1.53E-05	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	1.32E-01	1.25E-04	1.70E-03	1.59E-04	3.94E+00	ND
	ZN	Zinc	2.24E+01	1.60E-02	4.24E-04	8.47E-04	8.47E-04	1.10E+00	1.05E-03	1.42E-02	1.35E-03	1.69E+01	4.22E+00
12	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.12E-06	1.20E-05	1.14E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.12E-06	1.20E-05	1.14E-06	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	9.55E-02	3.41E-04	9.03E-06	1.80E-05	1.80E-05	2.35E-02	9.03E-07	9.72E-06	9.24E-07	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.23E-01	7.97E-04	2.11E-05	4.23E-05	4.23E-05	5.51E-02	2.35E-04	2.53E-03	2.41E-04	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	5.31E-04	5.72E-03	3.40E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.11E-03	1.19E-02	6.80E-04	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	1.97E-04	2.12E-03	1.24E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MP	o-Cresol	ND	ND	ND	ND	ND	1.28E-04	1.27E-06	1.37E-05	1.32E-06	6.40E-04	9.25E-05
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	2.17E-05	2.17E-07	2.33E-06	2.22E-07	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Fox	Plants	Soil Fauna
12 (cont.)	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	5.31E-07	5.72E-06	5.44E-07	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.77E-03	2.06E-05	5.46E-07	1.09E-06	1.09E-06	1.42E-03	1.42E-05	1.53E-04	1.45E-05	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.96E-03	2.49E-05	6.58E-07	1.31E-06	1.31E-06	1.71E-03	1.71E-05	1.84E-04	1.75E-05	ND	ND
	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8.58E-02	3.07E-04	8.11E-06	1.62E-05	1.62E-05	2.11E-02	2.11E-04	2.27E-03	2.16E-04	ND	ND
	678HDXF	1,2,3,6,7,8-Hexachlorodibenzofuran	8.09E-04	2.89E-06	7.65E-08	1.53E-07	1.53E-07	1.99E-04	1.99E-06	2.14E-05	2.04E-06	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	7.93E-04	2.83E-06	7.30E-08	1.49E-07	1.49E-07	1.95E-04	1.95E-06	2.10E-05	2.00E-06	ND	ND
	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	8.47E-04	3.03E-06	8.01E-08	1.60E-07	1.60E-07	2.08E-04	2.08E-06	2.24E-05	2.13E-06	ND	ND
	789HDXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.04E-03	3.70E-06	9.79E-08	1.95E-07	1.95E-07	2.55E-04	2.55E-06	2.74E-05	2.61E-06	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	9.82E-02	3.51E-04	9.28E-06	1.85E-05	1.85E-05	2.42E-02	2.42E-04	2.60E-03	2.47E-04	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	9.98E-04	3.57E-06	9.44E-08	1.88E-07	1.88E-07	2.46E-04	2.46E-06	2.64E-05	2.51E-06	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.74E-01	1.33E-03	3.33E-05	7.09E-05	7.09E-05	9.23E-02	9.23E-04	9.93E-03	9.45E-04	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.18E-02	7.78E-05	2.06E-06	4.13E-06	4.13E-06	5.38E-03	5.38E-05	5.79E-04	5.50E-05	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	2.99E-06	7.91E-08	1.58E-07	1.58E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	6.52E-04	2.33E-06	6.16E-08	1.23E-07	1.23E-07	4.72E-04	4.72E-06	3.05E-05	2.90E-06	ND	ND
	AENSLF	Endosulfan I	1.20E-03	4.27E-06	1.13E-07	2.26E-07	2.26E-07	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	8.27E-05	2.19E-06	4.36E-06	4.36E-06	ND	ND	ND	ND	ND	ND
	AL	Aluminum	ND	ND	ND	ND	ND	2.61E-04	1.25E-06	1.69E-05	1.60E-06	2.01E-01	ND
	ALDRN	Aldrin	3.92E-03	1.40E-05	2.85E-07	7.41E-07	7.41E-07	2.59E+00	1.94E-02	1.67E-01	1.98E-02	6.67E+00	1.74E+00
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	2.42E-03	1.45E-05	1.56E-04	7.42E-06	ND	ND
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	2.47E-03	2.46E-05	2.64E-04	2.55E-05	1.24E-02	1.79E-03
	ANIL	Aniline	ND	ND	ND	ND	ND	1.32E-04	1.31E-06	1.41E-05	1.36E-06	6.60E-04	9.54E-05
	ANTRC	Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	AS	Arsenic	6.20E-01	2.22E-03	5.86E-05	1.17E-04	1.17E-04	2.83E-03	2.81E-05	3.03E-04	2.92E-05	1.42E-02	2.05E-03
	ATZ	Atrazine	ND	ND	ND	ND	ND	8.44E-02	8.46E-04	9.10E-03	8.65E-04	1.21E+00	2.02E-01
	BZCEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BZCIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BZCLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BZHEP	Bis(2-ethylhexyl) phthalate	1.66E-02	5.92E-05	1.57E-06	3.13E-06	3.13E-06	6.23E-05	6.25E-07	6.73E-06	6.40E-07	2.40E-03	ND
	BA	Barium	9.10E-01	3.23E-03	8.60E-05	1.72E-04	1.72E-04	2.75E-01	2.76E-03	2.97E-02	2.81E-03	2.46E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	9.57E-03	9.51E-05	1.02E-03	9.88E-05	4.80E-02	6.94E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	4.79E-03	4.76E-05	5.12E-04	4.94E-05	1.20E-02	3.47E-03
	BBHC	beta-Hexachlorocyclohexane	ND	ND	ND	ND	ND	1.91E-02	1.90E-04	2.05E-03	1.98E-04	9.60E-02	1.39E-02
	BBZP	Butylbenzyl phthalate	2.30E-03	8.23E-06	2.18E-07	4.35E-07	4.35E-07	ND	ND	ND	ND	ND	ND
	BE	Beryllium	6.21E-02	2.22E-04	5.87E-06	1.17E-05	1.17E-05	2.34E-04	2.34E-06	2.52E-05	2.40E-06	9.00E-03	ND
	BENSLF	Endosulfan II	1.58E-03	5.64E-06	1.49E-07	2.99E-07	2.99E-07	1.33E-04	1.33E-06	1.44E-05	1.37E-06	2.14E-02	ND
	BENZID	Benizidine	8.37E-04	2.99E-06	7.91E-08	1.58E-07	1.58E-07	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.34E-03	7.29E-05	7.85E-04	7.58E-05	3.68E-02	5.32E-03

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Fox	Plants	Soil Fauna
12 (cont.)	BK/FANT	Benz[k]fluoranthene	ND	ND	ND	ND	ND	6.14E-03	6.10E-05	6.57E-04	6.34E-05	3.08E-02	4.45E-03
	BZALC	Benzyl alcohol	1.15E-02	4.10E-05	1.09E-06	2.17E-06	2.17E-06	6.81E-05	4.09E-07	1.76E-06	4.18E-07	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	2.37E-03	6.26E-05	1.16E-04	1.16E-04	6.40E-03	6.37E-05	6.86E-04	6.52E-05	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-02	1.27E-04	1.37E-03	1.32E-04	6.40E-02	9.25E-03
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.29E-02	4.62E-05	1.22E-06	2.44E-06	2.44E-06	9.37E-03	5.62E-05	6.05E-04	5.75E-05	ND	ND
	CO	Cobalt	1.07E-03	3.82E-06	1.01E-07	2.02E-07	2.02E-07	1.38E-01	1.33E-03	1.43E-02	1.70E-03	6.25E-02	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	6.46E+00	2.31E-02	6.10E-04	1.22E-03	1.22E-03	2.59E-02	1.55E-04	1.67E-03	1.27E-04	1.56E-01	2.93E+01
	CR	Chromium	1.60E-01	5.70E-04	1.51E-05	3.02E-05	3.02E-05	6.94E-02	4.16E-04	4.48E-03	3.41E-04	1.23E-01	1.47E-01
	CU	Copper	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	1.23E-05	1.32E-04	1.28E-05	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	9.08E-06	2.40E-07	4.80E-07	4.80E-07	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	2.96E-05	7.83E-07	1.57E-06	1.57E-06	3.12E-05	3.12E-07	3.36E-06	3.20E-07	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDNR	Dieldrin	3.73E-03	1.33E-05	2.71E-07	7.05E-07	7.05E-07	2.30E-03	1.38E-05	1.49E-04	7.07E-06	ND	5.20E-05
	DMP	Dimethyl phthalate	2.17E-03	7.77E-06	2.05E-07	4.11E-07	4.11E-07	8.20E-06	8.20E-08	8.83E-07	8.39E-08	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	1.60E-04	4.24E-06	8.48E-06	8.48E-06	1.69E-04	1.69E-06	1.82E-05	1.73E-06	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	2.84E-05	7.50E-07	1.50E-06	1.50E-06	2.99E-05	2.99E-07	3.22E-06	3.06E-07	ND	ND
	ENDRN	Endrin	8.48E-01	3.03E-03	8.01E-05	1.53E-04	1.53E-04	3.05E-04	1.83E-06	1.97E-05	1.87E-06	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	6.11E-05	1.62E-06	3.08E-06	3.08E-06	6.15E-06	3.69E-08	3.97E-07	3.78E-08	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	6.11E-05	1.62E-06	3.08E-06	3.08E-06	6.15E-06	3.69E-08	3.97E-07	3.78E-08	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-04	2.14E-06	5.65E-08	1.13E-07	1.13E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	9.57E-03	9.51E-05	1.02E-03	9.88E-05	4.80E-02	6.94E-03
	FE	Iron	1.13E+01	4.03E-02	1.07E-03	2.13E-03	2.13E-03	8.32E+00	8.33E-02	8.96E-01	8.50E-02	ND	6.13E+00
	FLRENE	Fluorene	ND	ND	ND	ND	ND	1.04E-03	1.03E-05	1.11E-04	1.07E-05	5.20E-03	7.51E-04
	GCLDAN	gamma-Chlordane	1.11E-02	5.09E-05	1.35E-06	2.69E-06	2.69E-06	5.13E-04	3.08E-06	3.31E-05	3.15E-06	ND	ND
	HCB	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	7.18E-03	2.56E-05	6.78E-07	1.36E-06	1.36E-06	6.71E-04	5.11E-06	5.50E-05	5.23E-06	8.33E-02	2.50E-02
	HMX	Cyclotetramethylenetetrantramine	ND	ND	ND	ND	ND	4.43E-03	4.43E-05	4.76E-04	4.53E-05	ND	ND
	HPCL	Heptachlor	2.63E-03	9.40E-06	2.49E-07	4.97E-07	4.97E-07	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
12 (cont.)	HPCLE	Heptachlor epoxide	1.55E-03	5.56E-06	1.47E-07	2.94E-07	2.94E-07	ND	ND	ND	9.79E-05	4.80E-02	6.94E-03
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	9.56E-05	1.03E-03	ND	ND	ND
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Polassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	4.27E-06	1.13E-07	2.26E-07	2.26E-07	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	2.30E-06	6.09E-08	1.22E-07	1.22E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	2.75E-01	9.82E-04	2.60E-05	5.19E-05	5.19E-05	6.26E-02	6.26E-04	6.73E-03	6.40E-04	3.14E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	2.93E-05	3.16E-04	3.03E-05	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.01E-04	1.09E-03	1.03E-04	ND	1.43E-02
	NI	Nickel	1.13E-01	4.11E-04	1.09E-05	2.17E-05	2.17E-05	3.92E-03	3.92E-05	4.21E-04	4.01E-05	1.86E-02	2.33E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	2.89E-08	3.11E-07	2.96E-08	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	2.82E-03	1.01E-05	2.66E-07	5.31E-07	5.31E-07	6.94E-04	6.93E-06	7.46E-05	7.09E-06	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	3.00E-03	1.07E-05	2.84E-07	5.65E-07	5.65E-07	7.39E-04	7.38E-06	7.95E-05	7.56E-06	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	3.51E+00	2.51E-03	3.32E-04	5.31E-04	5.31E-04	4.72E-01	4.71E-03	5.07E-02	4.82E-03	1.44E-01	1.17E-01
	PCB016	PCB 1016	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	3.07E-04	8.12E-06	1.62E-05	1.62E-05	1.51E-03	1.16E-05	1.24E-04	1.08E-05	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	3.07E-04	8.12E-06	1.62E-05	1.62E-05	1.51E-03	1.16E-05	1.24E-04	1.08E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	4.04E-02	1.07E-03	2.14E-03	2.14E-03	1.99E-01	1.52E-03	1.64E-02	1.43E-03	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.20E-02	1.19E-04	1.28E-03	1.24E-04	6.00E-02	8.67E-03
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.13E-05	1.15E-07	1.24E-06	1.18E-07	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	3.46E-05	9.16E-07	9.16E-07	3.66E-07	5.61E-06	4.22E-08	4.54E-07	4.32E-08	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	3.46E-05	9.16E-07	9.16E-07	3.66E-07	5.61E-06	4.22E-08	4.54E-07	4.32E-08	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	4.49E-05	1.19E-06	1.19E-06	4.75E-07	7.27E-06	5.47E-08	5.88E-07	5.60E-08	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzof[de]phenanthrene	ND	ND	ND	ND	ND	1.52E-02	1.51E-04	1.62E-03	1.56E-04	7.60E-02	1.10E-02
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	8.50E-04	9.15E-03	8.70E-04	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	6.13E-02	6.15E-04	6.62E-03	6.30E-04	2.78E-01	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
12 (cont.)	SE	Selenium	2.48E-01	8.86E-04	2.34E-05	4.35E-05	4.35E-05	3.98E-02	2.98E-04	3.21E-03	3.05E-04	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	6.04E-01	2.16E-03	5.71E-05	1.14E-04	1.14E-04	1.49E-01	1.49E-03	1.60E-02	1.52E-03	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.86E-02	1.74E-04	4.59E-06	9.15E-06	9.15E-06	1.59E-02	1.20E-04	1.29E-03	1.22E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	1.76E-01	4.65E-03	1.16E-02	1.16E-02	5.06E+00	4.55E-02	4.90E-01	4.66E-02	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	1.45E-03	3.83E-05	7.67E-05	7.67E-05	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	1.55E-01	7.36E-04	1.00E-02	9.34E-04	4.64E+00	ND
	ZN	Zinc	1.40E+00	5.00E-03	1.32E-04	2.65E-04	2.65E-04	6.86E-02	3.29E-04	4.43E-03	4.21E-04	1.05E+00	2.64E-01
15	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	3.72E-06	4.00E-05	3.81E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	3.72E-06	4.00E-05	3.81E-06	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	3.01E-06	3.24E-05	3.08E-06	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.54E-01	1.84E-03	4.86E-05	9.70E-05	9.70E-05	3.80E-02	1.27E-03	1.36E-02	1.30E-03	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	4.84E-01	5.76E-03	1.52E-04	3.06E-04	3.06E-04	1.19E-01	3.98E-03	4.29E-02	4.08E-03	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	1.77E-03	1.91E-02	1.13E-03	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	3.69E-03	3.97E-02	2.27E-03	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	6.56E-04	7.06E-03	4.12E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	3.91E-02	1.29E-03	1.39E-02	1.35E-03	1.96E-01	2.83E-02
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	7.23E-07	7.78E-06	7.40E-07	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American Keatrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
15 (cont.)	4CANIL	4-Chloroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol		ND	ND	ND	ND	ND	5.31E-05	1.77E-06	1.91E-05	1.81E-06	ND	ND
	4NANIL	4-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		1.62E-01	1.93E-03	5.09E-05	1.02E-04	1.02E-04	3.98E-02	1.33E-03	1.43E-02	1.36E-03	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzo-furan		1.89E-02	2.25E-04	5.93E-06	1.19E-05	1.19E-05	4.65E-03	1.55E-04	1.67E-03	1.59E-04	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin		1.11E-01	1.32E-03	3.50E-05	6.98E-05	6.98E-05	2.74E-02	9.12E-04	9.81E-03	9.33E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzo-furan		1.38E-03	1.64E-05	4.34E-07	8.64E-07	8.64E-07	3.39E-04	1.13E-05	1.21E-04	1.16E-05	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-furan		2.08E-03	2.47E-05	6.53E-07	1.31E-06	1.31E-06	5.12E-04	1.70E-05	1.83E-04	1.74E-05	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin		9.93E-04	1.18E-05	3.13E-07	6.24E-07	6.24E-07	2.45E-04	8.14E-06	8.77E-05	8.34E-06	ND	ND
	789HXP	1,2,3,7,8,9-Hexachlorodibenzo-furan		1.62E-03	1.93E-05	5.12E-07	1.02E-06	1.02E-06	4.00E-04	1.33E-05	1.43E-04	1.36E-05	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-furan		1.08E-01	1.29E-03	3.40E-05	6.78E-05	6.78E-05	2.66E-02	8.85E-04	9.33E-03	9.06E-04	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-dioxin		1.52E-03	1.81E-05	4.78E-07	9.53E-07	9.53E-07	3.74E-04	1.24E-05	1.34E-04	1.27E-05	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin		4.65E-01	5.94E-03	1.47E-04	2.94E-04	2.94E-04	1.15E-01	3.83E-03	4.12E-02	3.92E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzo-furan		4.81E-02	5.73E-04	1.52E-05	3.04E-05	3.04E-05	1.19E-02	3.96E-04	4.26E-03	4.03E-04	ND	ND
	ABHC	alpha-Hexachlorocyclohexane		8.37E-04	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane		1.02E-04	1.21E-06	3.21E-08	6.41E-08	6.41E-08	7.38E-05	1.48E-06	1.59E-05	1.51E-06	ND	ND
	AENSLF	Endosulfan I		3.59E-03	4.27E-05	1.13E-06	2.26E-06	2.26E-06	ND	ND	ND	ND	ND	ND
	AG	Silver		2.31E-02	2.76E-04	7.29E-06	1.45E-05	1.45E-05	2.61E-04	4.18E-06	5.63E-05	5.35E-06	2.01E-01	ND
	AL	Aluminum		2.44E-03	2.90E-05	5.90E-07	1.53E-06	1.53E-06	3.96E+00	9.91E-02	8.53E-01	1.01E-01	1.02E+01	2.66E+00
	ALDRN	Aldrin		ND	ND	ND	ND	ND	1.50E-03	3.00E-05	3.23E-04	1.54E-05	ND	ND
	ANAPNE	Acenaphthene		ND	ND	ND	ND	ND	4.79E-01	1.59E-02	1.71E-01	1.65E-02	2.40E+00	3.47E-01
	ANAPYL	Acenaphthylene		ND	ND	ND	ND	ND	1.32E-04	4.36E-06	4.69E-05	4.53E-06	6.60E-04	9.54E-05
	ANIL	Aniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene		ND	ND	ND	ND	ND	5.58E-01	1.85E-02	1.99E-01	1.92E-02	2.80E+00	4.05E-01
	AS	Arsenic		3.43E+00	4.09E-02	1.08E-03	2.16E-03	2.16E-03	4.67E-01	1.56E-02	1.68E-01	1.60E-02	6.70E+00	1.12E+00
	ATZ	Atrazine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate		1.66E-02	1.97E-04	5.22E-06	1.04E-05	1.04E-05	6.25E-05	2.08E-06	2.24E-05	2.13E-06	2.40E-03	ND
	BA	Barium		1.72E+00	2.04E-02	5.41E-04	1.08E-03	1.08E-03	5.19E-01	1.73E-02	1.87E-01	1.77E-02	4.64E-01	ND
	BAANTR	Benzo[a]anthracene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BAPYR	Benzo[a]pyrene		ND	ND	ND	ND	ND	7.98E-01	2.64E-02	2.84E-01	2.75E-02	4.00E+00	5.78E-01
	BBFANT	Benzo[b]fluoranthene		ND	ND	ND	ND	ND	7.98E-01	2.64E-02	2.84E-01	2.75E-02	2.00E+00	5.78E-01
	BBHC	beta-Hexachlorocyclohexane		ND	ND	ND	ND	ND	7.98E-01	2.64E-02	2.84E-01	2.75E-02	4.00E+00	5.78E-01
	BBZP	Butylbenzyl phthalate		2.30E-03	2.74E-05	7.25E-07	1.45E-06	1.45E-06	2.34E-04	7.81E-06	8.41E-05	7.99E-06	9.00E-03	ND
	BE	Beryllium		6.21E-02	7.40E-04	1.96E-05	3.91E-05	3.91E-05	1.33E-04	4.45E-06	4.79E-05	4.55E-06	2.14E-02	ND
	BENSLF	Endosulfan II		1.58E-03	1.88E-05	4.98E-07	9.95E-07	9.95E-07	ND	ND	ND	ND	ND	ND
				3.72E-03	4.44E-05	1.17E-06	2.35E-06	2.35E-06	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Fox	Plants	Soil Fauna
15 (cont.)	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	4.79E-01	1.59E-02	1.71E-01	1.65E-02	2.40E+00	3.47E-01
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	7.98E-01	2.64E-02	2.84E-01	2.75E-02	4.00E+00	5.78E-01
	BZALC	Benzy alcohol	1.15E-02	1.37E-04	3.62E-06	7.24E-06	7.24E-06	6.81E-05	1.36E-06	5.86E-06	1.39E-06	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E+00	7.89E-02	2.09E-03	3.88E-03	3.88E-03	6.40E-02	2.12E-03	2.29E-02	2.17E-03	2.00E+00	3.00E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.60E+00	5.29E-02	5.69E-01	5.49E-02	8.00E+00	1.16E+00
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	2.07E-05	5.48E-07	1.10E-06	1.10E-06	1.26E-03	2.52E-05	2.72E-04	2.58E-05	ND	ND
	CO	Cobalt	1.31E-02	1.56E-04	4.12E-06	8.24E-06	8.24E-06	1.69E+00	5.42E-02	5.83E-01	6.93E-02	7.65E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	2.72E+01	3.23E-01	8.56E-03	1.71E-02	1.71E-02	1.09E-01	2.18E-03	2.34E-02	1.78E-03	6.56E-01	1.23E+02
	CU	Copper	4.93E+01	5.87E-01	1.55E-02	3.11E-02	3.11E-02	2.14E+01	4.29E-01	4.61E+00	3.51E-01	3.80E+01	4.53E+01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	2.39E-01	7.93E-03	8.53E-02	8.24E-03	1.20E+00	1.73E-01
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	3.03E-05	8.01E-07	1.60E-06	1.60E-06	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	9.86E-05	2.61E-06	5.22E-06	5.22E-06	3.12E-05	1.04E-06	1.12E-05	1.07E-06	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	2.15E-02	2.56E-04	5.22E-06	1.36E-05	1.36E-05	1.33E-02	2.66E-04	2.86E-03	1.36E-04	ND	3.00E-04
	DMP	Dimethyl phthalate	2.17E-03	2.59E-05	6.85E-07	1.37E-06	1.37E-06	8.20E-06	2.73E-07	2.94E-06	2.80E-07	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	5.34E-04	1.41E-05	2.83E-05	2.83E-05	1.69E-04	5.64E-06	6.07E-05	5.77E-06	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	9.45E-05	2.50E-06	5.00E-06	5.00E-06	2.99E-05	9.98E-07	1.07E-05	1.02E-06	ND	ND
	ENDRN	Endrin	2.22E-01	2.63E-03	7.00E-05	1.34E-04	1.34E-04	7.99E-05	1.60E-06	1.72E-05	1.64E-06	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	2.04E-04	5.38E-06	1.03E-05	1.03E-05	6.15E-06	1.23E-07	1.32E-06	1.26E-07	ND	ND
	ENDRNK	Endrin ketone	5.11E-01	6.09E-03	1.61E-04	3.08E-04	3.08E-04	1.84E-04	3.68E-06	3.96E-05	3.76E-06	ND	ND
	ESFSO4	Endosulfan sulfate	1.15E-03	1.38E-05	3.64E-07	7.28E-07	7.28E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famphos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.60E+00	5.29E-02	5.69E-01	5.49E-02	8.00E+00	1.16E+00
	FE	Iron	6.77E+01	8.07E-01	2.13E-02	4.27E-02	4.27E-02	5.00E+01	1.67E+00	1.79E+01	1.70E+00	ND	3.68E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	3.19E-01	1.06E-02	1.14E-01	1.10E-02	1.60E+00	2.31E-01
	GCLDAN	gamma-Chlordane	1.59E-03	2.44E-05	6.46E-07	1.29E-06	1.29E-06	7.38E-05	1.48E-06	1.59E-05	1.51E-06	ND	ND
	HCB	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kitt	Plants	Soil Fauna
Number	Name			Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer		Fox		
15 (cont.)	HG	Mercury	2.44E-01	2.90E-03	7.68E-05	1.54E-04	1.54E-04	2.28E-02	5.78E-04	6.22E-03	5.92E-04	2.83E+00	8.49E-01
	HMX	Cyclootramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	1.48E-04	1.59E-03	1.51E-04	ND	ND
	HPCL	Heptachlor	1.71E-02	2.03E-04	5.37E-06	1.07E-05	1.07E-05	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	2.43E-03	2.90E-05	7.66E-07	1.53E-06	1.53E-06	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C]Dipylene	ND	ND	ND	ND	ND	4.83E-01	1.59E-02	1.71E-01	1.63E-02	2.40E+00	3.47E-01
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	1.42E-05	3.77E-07	7.54E-07	7.54E-07	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	7.67E-06	2.03E-07	4.06E-07	4.06E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	5.34E-01	6.36E-03	1.68E-04	3.36E-04	3.36E-04	1.22E-01	4.03E-03	4.36E-02	4.14E-03	6.10E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	1.60E-01	5.29E-03	5.69E-02	5.49E-03	8.00E-01	1.16E-01
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	3.36E-04	3.62E-03	3.44E-04	ND	1.43E-02
	NI	Nickel	2.93E-01	3.50E-03	9.25E-05	1.85E-04	1.85E-04	1.00E-02	3.33E-04	3.59E-03	3.41E-04	4.76E-02	5.95E-02
	NNDMA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	9.63E-08	1.04E-06	9.85E-08	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	3.71E-01	4.42E-03	1.17E-04	2.33E-04	2.33E-04	9.13E-02	3.04E-03	3.27E-02	3.11E-03	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	7.66E-03	9.13E-05	2.41E-06	4.81E-06	4.81E-06	1.89E-03	6.29E-05	6.76E-04	6.43E-05	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.11E+01	2.64E-02	3.49E-03	5.60E-03	5.60E-03	1.49E+00	4.96E-02	5.34E-01	5.07E-02	4.53E-01	3.70E-01
	PCB016	PCB 1016	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.23E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.23E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.23E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.23E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.23E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	1.02E-03	2.71E-05	5.42E-05	5.42E-05	1.51E-03	3.85E-05	4.13E-04	3.62E-05	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	1.02E-03	2.71E-05	5.42E-05	5.42E-05	1.51E-03	3.85E-05	4.13E-04	3.62E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	1.35E-01	3.56E-03	7.12E-03	7.12E-03	1.99E-01	5.07E-03	5.46E-02	4.76E-03	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	3.19E+00	1.06E-01	1.14E+00	1.10E-01	1.60E+01	2.31E+00
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	3.84E-07	4.13E-06	3.93E-07	ND	8.67E-04
	PPDDD	ppDDD	5.27E-02	6.27E-04	1.66E-05	6.64E-06	6.64E-06	3.05E-05	7.64E-07	8.23E-06	7.82E-07	ND	3.67E-05
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	2.09E-01	2.49E-03	6.58E-05	2.63E-05	2.63E-05	1.21E-04	3.03E-06	3.26E-05	3.10E-06	ND	1.46E-04
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3.60E-01	4.28E-03	1.13E-04	4.53E-05	4.53E-05	2.08E-04	5.22E-06	5.62E-05	5.34E-06	ND	2.51E-04
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
15 (cont.)	PYR	Benzoflphenanthrene	ND	ND	ND	ND	ND	3.19E+00	1.06E-01	1.14E+00	1.10E-01	1.60E+01	2.31E+00
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	2.83E-03	3.05E-02	2.90E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	4.40E-01	1.47E-02	1.58E-01	1.50E-02	1.99E+00	ND
	SE	Selenium	8.09E-01	9.64E-03	2.55E-04	4.74E-04	4.74E-04	1.30E-01	3.24E-03	3.49E-02	3.32E-03	7.33E-01	1.05E-02
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.19E+00	2.61E-02	6.91E-04	1.38E-03	1.38E-03	5.41E-01	1.80E-02	1.94E-01	1.84E-02	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	6.48E-02	7.71E-04	2.04E-05	4.07E-05	4.07E-05	2.12E-02	5.31E-04	5.72E-03	5.44E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	5.86E-01	1.55E-02	3.88E-02	3.88E-02	5.06E+00	1.52E-01	1.63E+00	1.55E-01	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	4.83E-03	1.28E-04	2.56E-04	2.56E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.14E-01	3.38E-03	4.60E-02	4.30E-03	6.40E+00	ND
	ZN	Zinc	1.58E+01	1.88E-01	4.97E-03	9.95E-03	9.95E-03	7.73E-01	1.24E-02	1.66E-01	1.58E-02	1.19E+01	2.97E+00
	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
IB	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.42E-04	3.72E-08	4.00E-07	3.81E-08	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.42E-04	3.72E-08	4.00E-07	3.81E-08	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.15E-04	3.01E-08	3.24E-07	3.08E-08	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	6.85E-02	8.16E-06	2.16E-07	4.31E-07	4.31E-07	1.61E-02	5.62E-06	6.05E-05	5.75E-06	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	3.25E-01	3.87E-05	1.02E-06	2.06E-06	2.06E-06	7.65E-02	2.68E-05	2.88E-04	2.74E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.43E-02	1.77E-05	1.91E-04	1.13E-05	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.76E-01	3.69E-05	3.97E-04	2.27E-05	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.12E-02	6.56E-06	7.06E-05	4.12E-06	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	1.22E-04	4.23E-08	4.55E-07	4.39E-08	6.40E-04	9.25E-05
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.07E-05	7.23E-09	7.78E-08	7.40E-09	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil Fauna
Number	IB (cont.)	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46DN2C		4,6-Dinitro-2-cresol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4BRPPE		4-Bromophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CANIL		4-Chloroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CL3C		3-Methyl-4-chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CLPPE		4-Chlorophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4MP		p-Cresol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4NANIL		4-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4NP		4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
678HPD		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		7.53E-03	9.00E-07	2.38E-08	4.75E-08	4.75E-08	1.77E-03	6.20E-07	6.67E-06	6.34E-07	ND	ND
678HPF		1,2,3,4,6,7,8-Heptachlorodibenzofuran		8.74E-03	1.04E-06	2.73E-08	5.49E-08	5.49E-08	2.05E-03	7.17E-07	7.72E-06	7.34E-07	ND	ND
678HDX		1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin		7.77E-02	9.25E-06	2.43E-07	4.88E-07	4.88E-07	1.82E-02	6.37E-06	6.86E-05	6.52E-06	ND	ND
678HDXF		1,2,3,6,7,8-Hexachlorodibenzofuran		5.94E-04	7.07E-08	1.87E-09	3.73E-09	3.73E-09	1.39E-04	4.87E-08	5.24E-07	4.98E-08	ND	ND
789HPF		1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin		9.53E-04	1.14E-07	3.01E-09	6.00E-09	6.00E-09	2.24E-04	7.83E-08	8.43E-07	8.02E-08	ND	ND
789HDX		1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin		7.34E-04	8.74E-08	2.31E-09	4.61E-09	4.61E-09	1.72E-04	6.02E-08	6.48E-07	6.16E-08	ND	ND
789HDXF		1,2,3,7,8,9-Hexachlorodibenzofuran		7.23E-04	8.61E-08	2.28E-09	4.54E-09	4.54E-09	1.70E-04	5.93E-08	6.38E-07	6.07E-08	ND	ND
78HXDD		1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		8.20E-02	9.77E-06	2.38E-07	5.15E-07	5.15E-07	1.92E-02	6.73E-06	7.24E-05	6.89E-06	ND	ND
78HXDDF		1,2,3,4,7,8-Hexachlorodibenzofuran		7.01E-04	8.35E-08	2.21E-09	4.41E-09	4.41E-09	1.65E-04	5.75E-08	6.19E-07	5.89E-08	ND	ND
78PCDD		1,2,3,7,8-Pentachlorodibenzo-p-dioxin		6.10E-01	7.27E-05	1.92E-06	3.86E-06	3.86E-06	1.43E-01	5.02E-05	5.41E-04	5.14E-05	ND	ND
78PCDF		1,2,3,7,8-Pentachlorodibenzofuran		3.28E-02	3.91E-06	1.03E-07	2.07E-07	2.07E-07	7.71E-03	2.70E-06	2.91E-05	2.76E-06	ND	ND
ABHC		alpha-Hexachlorocyclohexane		8.37E-04	9.97E-08	2.64E-09	5.28E-09	5.28E-09	ND	ND	ND	ND	ND	ND
ACLDAN		alpha-Chlordane		1.02E-04	1.21E-08	3.21E-10	6.41E-10	6.41E-10	7.03E-05	1.48E-08	1.59E-07	1.51E-08	ND	ND
AENSILF		Endosulfan I		1.20E-03	1.42E-07	3.77E-09	7.54E-09	7.54E-09	ND	ND	ND	ND	ND	ND
AG		Silver		2.31E-02	2.76E-06	7.29E-08	1.45E-07	1.45E-07	2.49E-04	4.18E-08	5.63E-07	5.35E-08	2.01E-01	ND
AL		Aluminum		ND	ND	ND	ND	ND	5.61E+00	1.47E-03	1.27E-02	1.51E-03	1.52E+01	3.96E+00
ALDRN		Aldrin		1.00E-03	1.20E-07	2.44E-09	6.33E-09	6.33E-09	5.90E-04	1.24E-07	1.33E-06	6.34E-08	ND	ND
ANAPNE		Acenaphthene		ND	ND	ND	ND	ND	1.56E-04	5.42E-08	5.83E-07	5.63E-08	8.20E-04	1.18E-04
ANAPYL		Acenaphthylene		ND	ND	ND	ND	ND	1.23E-04	4.36E-08	4.69E-07	4.53E-08	6.60E-04	9.54E-05
ANIL		Aniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTRC		Anthracene		ND	ND	ND	ND	ND	2.70E-03	9.38E-07	1.01E-05	9.75E-07	1.42E-02	2.05E-03
AS		Arsenic		1.65E-01	1.97E-05	5.20E-07	1.04E-06	1.04E-06	2.14E-02	7.50E-06	8.07E-05	7.68E-06	3.22E-01	5.37E-02
ATZ		Atrazine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CEXM		Bis(2-chloroethoxy) methane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CIPE		Bis(2-chloroisopropyl) ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CLEE		Bis(2-chloroethyl) ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2EHP		Bis(2-ethylhexyl) phthalate		1.66E-02	1.97E-06	5.22E-08	1.04E-07	1.04E-07	5.93E-05	2.08E-08	2.24E-07	2.13E-08	2.40E-03	ND
BA		Barium		1.27E+00	1.51E-04	3.99E-06	7.97E-06	7.97E-06	3.64E-01	1.28E-04	1.37E-03	1.30E-04	3.42E-01	ND
BAANTR		Benzo[a]anthracene		ND	ND	ND	ND	ND	1.56E-04	5.42E-08	5.83E-07	5.63E-08	8.20E-04	1.18E-04
BAPYR		Benzo[a]pyrene		ND	ND	ND	ND	ND	4.56E-03	1.59E-06	1.71E-05	1.65E-06	1.20E-02	3.47E-03
BBFANT		Benzo[b]fluoranthene		ND	ND	ND	ND	ND	1.18E-03	4.10E-07	4.41E-06	4.26E-07	6.20E-03	8.96E-04
BBHC		beta-Hexachlorocyclohexane		2.30E-03	2.74E-07	7.23E-09	1.45E-08	1.45E-08	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Kit	Plants	Soil Fauna
IB (cont.)	BBZP	Butylbenzyl phthalate	6.21E-02	7.40E-06	1.96E-07	3.91E-07	3.91E-07	2.23E-04	7.81E-08	8.41E-07	7.99E-08	9.00E-03	9.00E-03	ND
	BE	Beryllium	4.19E-03	4.99E-07	1.32E-08	2.64E-08	2.64E-08	3.37E-04	1.18E-07	1.27E-06	1.21E-07	5.66E-02	5.66E-02	ND
	BENSLF	Endosulfan II	8.37E-04	9.97E-08	2.64E-09	5.28E-09	5.28E-09	ND	ND	ND	ND	ND	ND	ND
	BENZID	Benazidone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZO	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	6.84E-04	2.38E-07	2.56E-06	2.47E-07	3.60E-03	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	4.94E-04	1.72E-07	1.85E-06	1.78E-07	2.60E-03	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	1.15E-02	1.37E-06	3.62E-08	7.24E-08	7.24E-08	6.49E-05	1.36E-08	5.86E-08	1.39E-08	ND	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	5.59E+00	6.65E-04	1.76E-05	3.27E-05	3.27E-05	5.14E-02	1.79E-05	1.93E-04	1.83E-05	1.69E+00	1.69E+00	2.53E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.22E-04	4.23E-08	4.55E-07	4.39E-08	6.40E-04	6.40E-04	9.23E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	2.07E-07	5.48E-09	1.10E-08	1.10E-08	1.20E-03	2.52E-07	2.72E-06	2.58E-07	ND	ND	ND
	CO	Cobalt	3.23E-03	3.85E-07	1.02E-08	2.03E-08	2.03E-08	3.98E-01	1.34E-04	1.44E-03	1.71E-04	1.89E-01	1.89E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	8.06E+00	9.60E-04	2.54E-05	5.08E-05	5.08E-05	3.08E-02	6.46E-06	6.95E-05	5.29E-06	1.95E-01	1.95E-01	3.65E+01
	CU	Copper	2.22E-01	2.64E-05	6.99E-07	1.40E-06	1.40E-06	9.18E-02	1.93E-05	2.08E-04	1.58E-05	1.71E-01	1.71E-01	2.04E-01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.18E-03	4.10E-07	4.41E-06	4.26E-07	6.20E-03	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	3.03E-07	8.01E-09	1.60E-08	1.60E-08	ND	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	9.86E-07	2.61E-08	5.22E-08	5.22E-08	2.98E-05	1.04E-08	1.12E-07	1.07E-08	1.20E-03	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	1.15E-03	1.37E-07	2.78E-09	7.24E-09	7.24E-09	6.75E-04	1.42E-07	1.52E-06	7.25E-08	ND	ND	ND
	DMP	Dimethyl phthalate	2.17E-03	2.59E-07	6.85E-09	1.37E-08	1.37E-08	7.81E-06	2.73E-09	2.94E-08	2.80E-09	3.15E-04	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	1.61E-04	5.64E-08	6.07E-07	5.77E-08	3.25E-03	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	9.45E-07	2.50E-08	5.00E-08	5.00E-08	2.85E-05	9.98E-09	1.07E-07	1.02E-08	ND	ND	ND
	ENDRN	Endrin	2.22E-01	2.65E-05	7.00E-07	1.34E-06	1.34E-06	7.61E-05	1.60E-08	1.72E-07	1.64E-08	ND	ND	ND
	ENDRNA	Endrin aldehyde	8.61E-02	1.03E-05	2.71E-07	5.18E-07	5.18E-07	2.95E-05	6.20E-09	6.67E-08	6.34E-09	ND	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	2.04E-06	5.38E-08	1.03E-07	1.03E-07	5.86E-06	1.23E-09	1.32E-08	1.26E-09	ND	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-04	7.12E-08	1.88E-09	3.77E-09	3.77E-09	ND	ND	ND	ND	ND	ND	ND
	FAMPFR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FE	Iron	2.32E+01	2.76E-03	7.31E-05	1.46E-04	1.46E-04	1.63E+01	4.23E-08	4.55E-07	4.39E-08	6.40E-04	6.40E-04	9.25E-05
														1.26E+01

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil Fauna
Number	IB (cont.)	FLRENE	Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		GCLDAN	gamma-Chlordane	1.59E-03	2.44E-07	6.46E-09	1.29E-08	1.29E-08	2.47E-04	8.59E-08	9.24E-07	8.92E-08	1.30E-03	1.88E-04
		HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	7.03E-05	1.48E-08	1.59E-07	1.51E-08	ND	ND
		HG	Mercury	7.18E-03	8.55E-07	2.26E-08	4.52E-08	4.52E-08	6.39E-04	1.70E-07	1.83E-06	1.74E-07	8.33E-02	2.50E-02
		HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.22E-03	1.48E-06	1.59E-05	1.51E-06	ND	ND
		HPCL	Heptachlor	2.63E-03	3.13E-07	8.29E-09	1.66E-08	1.66E-08	ND	ND	ND	ND	ND	ND
		HPCLE	Heptachlor epoxide	1.55E-03	1.85E-07	4.90E-09	9.80E-09	9.80E-09	ND	ND	ND	ND	ND	ND
		ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.20E-03	3.19E-06	3.43E-05	3.26E-06	4.80E-02	6.94E-03
		ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		KEP	Kepon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		LIN	Lindane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		MEXCLR	Methoxychlor	1.20E-03	1.42E-07	3.77E-09	7.54E-09	7.54E-09	ND	ND	ND	ND	ND	ND
		MG	Magnesium	6.44E-04	7.67E-08	2.03E-09	4.06E-09	4.06E-09	ND	ND	ND	ND	ND	ND
		MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		MN	Manganese	5.08E-01	6.05E-05	1.60E-06	3.20E-06	3.20E-06	1.10E-01	3.85E-05	4.15E-04	3.94E-05	5.80E-01	ND
		NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		NAP	Naphthalene	ND	ND	ND	ND	ND	2.81E-03	9.78E-07	1.05E-05	1.02E-06	1.48E-02	2.14E-03
		NB	Nitrobenzene	ND	ND	ND	ND	ND	1.26E-02	3.36E-06	3.62E-05	3.44E-06	ND	1.43E-02
		NI	Nickel	2.08E-01	2.47E-05	6.54E-07	1.31E-06	1.31E-06	6.74E-03	2.36E-06	2.54E-05	2.41E-06	3.37E-02	4.21E-02
		NNDMA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		NNDPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.73E-06	9.63E-10	1.04E-08	9.85E-10	ND	ND
		OCDD	Octachlorodibenzodioxin - nonspecific	2.20E-02	2.62E-06	6.92E-08	1.38E-07	1.38E-07	5.13E-03	1.80E-06	1.94E-05	1.84E-06	ND	ND
		OCDF	Octachlorodibenzofuran - nonspecific	1.30E-03	1.54E-07	4.08E-09	8.14E-09	8.14E-09	3.04E-04	1.06E-07	1.14E-06	1.09E-07	ND	ND
		OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		PB	Lead	1.42E+00	3.37E-05	4.46E-06	7.15E-06	7.15E-06	1.81E-01	6.33E-05	6.81E-04	6.48E-05	5.79E-02	4.72E-02
		PCB016	PCB 1016	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
		PCB221	PCB 1221	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
		PCB232	PCB 1232	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
		PCB242	PCB 1242	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
		PCB248	PCB 1248	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
		PCB254	PCB 1254	8.59E-02	1.02E-05	2.71E-07	5.42E-07	5.42E-07	1.44E-03	3.85E-07	4.15E-06	3.62E-07	5.99E-04	9.98E-05
		PCB260	PCB 1260	8.59E-02	1.02E-05	2.71E-07	5.42E-07	5.42E-07	1.44E-03	3.85E-07	4.15E-06	3.62E-07	5.99E-04	9.98E-05
		PCB262	PCB 1262	1.13E+01	1.35E-03	3.56E-05	7.12E-05	7.12E-05	1.90E-01	5.07E-05	5.46E-04	4.76E-05	7.88E-02	1.31E-02
		PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.22E-04	4.23E-08	4.55E-07	4.39E-08	6.40E-04	9.25E-05
		PHENOL	Phenol	ND	ND	ND	ND	ND	1.10E-05	3.84E-09	4.13E-08	3.93E-09	ND	8.67E-04
		PPDDD	ppDDD	9.69E-03	1.15E-06	3.05E-08	3.05E-08	3.05E-08	5.34E-06	1.41E-09	1.51E-08	1.44E-09	ND	6.75E-06

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil Fauna
Number					Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer				
IB (cont.)	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane		9.69E-03	1.15E-06	3.05E-08	3.05E-08	1.22E-08	5.34E-06	1.41E-09	1.31E-08	1.44E-09	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		1.26E-02	1.50E-06	3.96E-08	3.96E-08	1.58E-08	6.93E-06	1.82E-09	1.96E-08	1.87E-09	ND	8.75E-06
	PRTHN	Parathion		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo(a)phenanthrene		ND	ND	ND	ND	ND	3.15E-04	1.10E-07	1.18E-06	1.14E-07	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite		ND	ND	ND	ND	ND	7.71E-02	2.83E-05	3.05E-04	2.90E-05	ND	ND
	SB	Antimony		ND	ND	ND	ND	ND	2.11E-02	7.38E-06	7.94E-05	7.55E-06	1.00E-01	ND
	SE	Selenium		2.48E-01	2.95E-05	7.81E-07	1.45E-06	1.45E-06	3.79E-02	9.94E-06	1.07E-04	1.02E-05	2.25E-01	3.21E-03
	SUPONA	Supona		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin		7.88E-01	9.38E-05	2.48E-06	4.95E-06	4.95E-06	1.85E-01	6.46E-05	6.95E-04	6.61E-05	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran		6.26E-02	7.45E-06	1.97E-07	3.93E-07	3.93E-07	1.96E-02	5.13E-06	5.53E-05	5.25E-06	ND	ND
	TETRYL	Tetryl		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium		4.92E-01	5.86E-03	1.55E-04	3.88E-04	3.88E-04	4.82E-00	1.52E-03	1.63E-02	1.53E-03	1.72E-01	ND
	TXPHEN	Toxaphene		4.05E-01	4.83E-05	1.28E-06	2.56E-06	2.56E-06	ND	ND	ND	ND	ND	ND
	V	Vanadium		ND	ND	ND	ND	ND	3.04E-01	5.05E-05	6.87E-04	6.41E-05	9.55E-00	ND
	ZN	Zinc		2.66E+00	3.16E-04	8.37E-06	1.67E-05	1.67E-05	1.24E-01	2.08E-05	2.80E-04	2.66E-05	2.00E+00	5.00E-01
IC	123TCB	1,2,3-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene		ND	ND	ND	ND	ND	1.49E-04	1.49E-06	1.60E-05	1.52E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene		ND	ND	ND	ND	ND	1.49E-04	1.49E-06	1.60E-05	1.52E-06	ND	ND
	13DNB	1,3-Dinitrobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene		ND	ND	ND	ND	ND	1.20E-04	1.20E-06	1.30E-05	1.23E-06	ND	ND
	234HFX	2,3,4,6,7,8-Hexachlorodibenzofuran		7.01E-02	3.34E-04	8.84E-06	1.76E-05	1.76E-05	1.73E-02	2.30E-04	2.48E-03	2.36E-04	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran		2.93E-01	1.40E-03	3.69E-05	7.41E-05	7.41E-05	7.23E-02	9.65E-04	1.04E-02	9.88E-04	ND	ND
	236TCP	2,3,6-Trichlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene		ND	ND	ND	ND	ND	8.85E-02	7.08E-04	7.62E-03	4.53E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene		ND	ND	ND	ND	ND	1.84E-01	1.48E-03	1.59E-02	9.06E-04	1.25E-03	ND
	26DNA	2,6-Dinitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene		ND	ND	ND	ND	ND	3.28E-02	2.62E-04	2.82E-03	1.65E-04	1.00E-03	ND
	2CLP	2-Chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene		ND	ND	ND	ND	ND	1.28E-04	1.69E-06	1.82E-05	1.76E-06	6.40E-04	9.25E-05
	2MP	o-Cresol		ND	ND	ND	ND	ND	2.17E-05	2.89E-07	3.11E-06	2.96E-07	ND	ND
	2NANIL	2-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
1C (cont.)	33DCBD	3,3'-Dichlorobenzidine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol		ND	ND	ND	ND	ND	5.31E-05	7.08E-07	7.62E-06	7.23E-07	ND	ND
	4NANIL	4-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		4.26E-03	2.03E-05	5.37E-07	1.07E-06	1.07E-06	1.05E-03	1.40E-05	1.51E-04	1.43E-05	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran		7.93E-03	3.78E-05	1.00E-06	1.99E-06	1.99E-06	1.95E-03	2.60E-05	2.80E-04	2.66E-05	ND	ND
	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin		7.53E-02	3.60E-04	9.52E-06	1.90E-05	1.90E-05	1.86E-02	2.48E-04	2.67E-03	2.54E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran		6.04E-04	2.88E-06	7.62E-08	1.32E-07	1.52E-07	1.49E-04	1.98E-06	2.13E-05	2.03E-06	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran		8.69E-04	4.14E-06	1.09E-07	2.18E-07	2.18E-07	2.14E-04	2.85E-06	3.07E-05	2.92E-06	ND	ND
	789HPD	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin		7.12E-04	3.39E-06	8.98E-08	1.79E-07	1.79E-07	1.75E-04	2.34E-06	2.52E-05	2.39E-06	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran		7.39E-04	3.52E-06	9.32E-08	1.86E-07	1.86E-07	1.82E-04	2.43E-06	2.61E-05	2.48E-06	ND	ND
	78HDXD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		7.99E-02	3.80E-04	1.01E-05	2.01E-05	2.01E-05	1.97E-02	2.62E-04	2.82E-03	2.68E-04	ND	ND
	78HDXF	1,2,3,4,7,8-Hexachlorodibenzofuran		7.18E-04	3.42E-06	9.04E-08	1.80E-07	1.80E-07	1.77E-04	2.35E-06	2.53E-05	2.41E-06	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin		5.00E-01	2.38E-03	6.30E-05	1.26E-04	1.26E-04	1.23E-01	1.65E-03	1.77E-02	1.69E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran		2.96E-02	1.41E-04	3.73E-06	7.48E-06	7.48E-06	7.30E-03	9.74E-05	1.05E-03	9.97E-05	ND	ND
	ABHC	alpha-Hexachlorocyclohexane		8.37E-04	3.99E-06	1.06E-07	2.11E-07	2.11E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane		1.02E-04	4.85E-07	1.28E-08	2.57E-08	2.57E-08	7.38E-05	5.90E-07	6.35E-06	6.04E-07	ND	ND
	AENSLF	Endosulfan I		1.20E-03	5.70E-06	1.51E-07	3.01E-07	3.01E-07	ND	ND	ND	ND	ND	ND
	AG	Silver		2.31E-02	1.10E-04	2.92E-06	5.81E-06	5.81E-06	2.61E-04	1.67E-06	2.25E-05	2.14E-06	2.01E-01	ND
	AL	Aluminum		ND	ND	ND	ND	ND	6.27E+00	6.27E-02	5.40E-01	6.41E-02	1.62E+01	4.21E+00
	ALDRN	Aldrin		1.00E-03	4.79E-06	9.74E-08	2.53E-07	2.53E-07	6.20E-04	4.96E-06	5.34E-05	2.54E-06	ND	ND
	ANAPNE	Acenaphthene		ND	ND	ND	ND	ND	1.64E-04	2.17E-06	2.33E-05	2.25E-06	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene		ND	ND	ND	ND	ND	1.32E-04	1.74E-06	1.88E-05	1.81E-06	6.60E-04	9.54E-05
	ANIL	Aniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	AS	Arsenic		2.65E-01	1.26E-03	3.34E-05	6.68E-05	6.68E-05	2.83E-03	3.75E-05	4.04E-04	3.90E-05	1.42E-02	2.05E-03
	ATZ	Atrazine		ND	ND	ND	ND	ND	3.60E-02	4.82E-04	5.18E-03	4.93E-04	5.17E-01	8.62E-02
	B2CEXM	Bis(2-chloroethoxy) methane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate		1.66E-02	7.89E-05	2.09E-06	4.17E-06	4.17E-06	6.25E-05	8.33E-07	8.97E-06	8.53E-07	2.40E-03	ND
	BA	Barium		9.84E-01	4.69E-03	1.24E-04	2.48E-04	2.48E-04	2.97E-01	3.97E-03	4.28E-02	4.05E-03	2.66E-01	ND
	BAANTR	Benzo[a]anthracene		ND	ND	ND	ND	ND	1.64E-04	2.17E-06	2.33E-05	2.25E-06	8.20E-04	1.18E-04

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
IC (cont.)	BAPYR	Benz[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	6.34E-05	6.83E-04	6.59E-05	1.20E-02	3.47E-03
	BBFANT	Benz[b]fluoranthene	ND	ND	ND	ND	ND	1.24E-03	1.64E-05	1.76E-04	1.70E-05	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.10E-05	2.90E-07	5.80E-07	5.80E-07	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	2.96E-04	7.83E-06	1.57E-05	1.57E-05	2.34E-04	3.12E-06	3.36E-05	3.20E-06	9.00E-03	ND
	BE	Beryllium	4.93E-03	2.35E-05	6.21E-07	1.24E-06	1.24E-06	4.16E-04	5.55E-06	5.97E-05	5.68E-06	6.66E-02	ND
	BENSLF	Endosulfan II	8.37E-04	3.99E-06	1.06E-07	2.11E-07	2.11E-07	ND	ND	ND	ND	ND	ND
	BENZID	Benizidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOZ	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	7.18E-04	9.51E-06	1.02E-04	9.88E-06	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.18E-04	6.87E-06	7.39E-05	7.14E-06	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	1.15E-02	5.47E-05	1.45E-06	2.89E-06	2.89E-06	6.81E-05	5.45E-07	2.35E-06	5.58E-07	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	3.16E-03	8.35E-05	1.55E-04	1.55E-04	6.40E-03	8.50E-05	9.15E-04	8.70E-05	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.28E-04	1.69E-06	1.82E-05	1.76E-06	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	8.29E-06	2.19E-07	4.39E-07	4.39E-07	1.26E-03	1.01E-05	1.09E-04	1.03E-05	ND	ND
	CO	Cobalt	4.37E-03	2.08E-05	5.50E-07	1.10E-06	1.10E-06	5.66E-01	7.24E-03	7.79E-02	9.26E-03	2.56E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	8.28E+00	3.94E-02	1.04E-03	2.09E-03	2.09E-03	3.32E-02	2.66E-04	2.86E-03	2.17E-04	2.00E-01	3.75E+01
	CU	Copper	1.60E-01	7.60E-04	2.01E-05	4.02E-05	4.02E-05	6.94E-02	5.55E-04	5.97E-03	4.55E-04	1.23E-01	1.47E-01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	1.64E-05	1.76E-04	1.70E-05	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	1.21E-05	3.20E-07	6.41E-07	6.41E-07	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	3.94E-05	1.04E-06	2.09E-06	2.09E-06	3.12E-05	4.17E-07	4.48E-06	4.26E-07	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	1.15E-03	5.47E-06	1.11E-07	2.89E-07	2.89E-07	7.08E-04	5.67E-06	6.10E-05	2.90E-06	ND	1.60E-05
	DMP	Dimethyl phthalate	2.17E-03	1.04E-05	2.74E-07	5.48E-07	5.48E-07	8.20E-06	1.09E-07	1.18E-06	1.12E-07	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	4.49E-02	2.14E-04	5.65E-06	1.13E-05	1.13E-05	2.26E-06	2.26E-06	2.43E-05	2.31E-06	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	3.78E-05	1.00E-06	2.00E-06	2.00E-06	2.99E-05	3.99E-07	4.30E-06	4.09E-07	ND	ND
	ENDRN	Endrin	2.22E-01	1.06E-03	2.80E-05	5.34E-05	5.34E-05	7.99E-05	6.39E-07	6.88E-06	6.54E-07	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	8.14E-05	2.15E-06	4.11E-06	4.11E-06	6.15E-06	4.92E-08	5.29E-07	5.03E-08	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	8.14E-05	2.15E-06	4.11E-06	4.11E-06	6.15E-06	4.92E-08	5.29E-07	5.03E-08	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-04	2.85E-06	7.54E-08	1.51E-07	1.51E-07	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American Keatrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
IC (cont.)	FAMPHR	Famophos		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FE	Iron		2.71E-01	1.29E-01	3.41E-03	6.82E-03	6.82E-03	1.28E-04	1.69E-06	1.82E-05	1.76E-06	6.40E-04	9.25E-05
	FLRENE	Fluorene		ND	ND	ND	ND	ND	2.00E+01	2.66E-01	2.87E+00	2.72E-01	ND	1.47E+01
	GCLDAN	gamma-Chlordane		1.59E-03	9.77E-06	2.58E-07	5.17E-07	5.17E-07	2.59E-04	3.44E-06	3.70E-05	3.57E-06	1.30E-03	1.88E-04
	HCBD	Hexachlorobutadiene		ND	ND	ND	ND	ND	7.38E-05	5.90E-07	6.35E-06	6.04E-07	ND	ND
	HG	Mercury		7.18E-03	3.42E-05	9.04E-07	1.81E-06	1.81E-06	6.71E-04	6.81E-06	7.33E-05	6.97E-06	8.33E-02	2.50E-02
	HMX	Cyclotetramethylenetetramine		ND	ND	ND	ND	ND	4.43E-03	5.90E-05	6.35E-04	6.04E-05	ND	ND
	HPCL	Heptachlor		2.63E-03	1.23E-05	3.32E-07	6.63E-07	6.63E-07	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide		1.55E-03	7.41E-06	1.96E-07	3.92E-07	3.92E-07	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene		ND	ND	ND	ND	ND	9.66E-03	1.27E-04	1.37E-03	1.31E-04	4.80E-02	6.94E-03
	ISODR	Isodrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor		1.20E-03	5.70E-06	1.51E-07	3.01E-07	3.01E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium		6.44E-04	3.07E-06	8.12E-08	1.62E-07	1.62E-07	ND	ND	ND	ND	ND	ND
	MIREX	Mirex		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MILTHN	Malathion		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NA	Sodium		4.83E-01	2.30E-03	6.09E-05	1.22E-04	1.22E-04	1.10E-01	1.47E-03	1.58E-02	1.50E-03	5.52E-01	ND
	NAP	Naphthalene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NB	Nitrobenzene		ND	ND	ND	ND	ND	2.95E-03	3.91E-05	4.21E-04	4.06E-05	1.48E-02	2.14E-03
	NI	Nickel		2.52E-01	1.20E-03	3.17E-05	6.34E-05	6.34E-05	1.33E-02	1.35E-04	1.45E-03	1.38E-04	ND	1.43E-02
	NNDMEA	N-Nitrosodimethylamine		ND	ND	ND	ND	ND	8.58E-03	1.14E-04	1.23E-03	1.17E-04	4.08E-02	5.10E-02
	NNDNPA	N-Nitrosodi-n-propylamine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific		6.03E-03	2.87E-05	7.60E-07	1.51E-06	1.51E-06	2.89E-06	3.85E-08	4.14E-07	3.94E-08	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific		1.45E-03	6.92E-06	1.83E-07	3.65E-07	3.65E-07	1.48E-03	1.98E-05	2.13E-04	2.02E-05	ND	ND
	OXAT	1,4-Oxathiane		ND	ND	ND	ND	ND	3.58E-04	4.76E-06	5.13E-05	4.87E-06	ND	ND
	PB	Lead		8.56E-01	8.16E-04	1.08E-04	1.73E-04	1.73E-04	ND	ND	ND	ND	ND	ND
	PCB016	PCB 1016		1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	1.15E-01	1.53E-03	1.65E-02	1.57E-03	3.50E-02	2.85E-02
	PCB221	PCB 1221		1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB232	PCB 1232		1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB242	PCB 1242		1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB248	PCB 1248		1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB254	PCB 1254		1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB260	PCB 1260		8.59E-02	4.09E-04	1.08E-05	2.17E-05	2.17E-05	1.51E-03	1.54E-05	1.66E-04	1.45E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262		1.13E+01	5.38E-02	1.42E-03	2.85E-03	2.85E-03	1.51E-03	1.54E-05	1.66E-04	1.45E-05	5.99E-04	9.98E-05
	PCP	Pentachlorophenol		ND	ND	ND	ND	ND	1.99E-01	2.03E-03	2.18E-02	1.90E-03	7.88E-02	1.31E-02

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
IC (cont.)	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.28E-04	1.69E-06	1.82E-05	1.76E-06	6.40E-04	9.23E-05
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.53E-07	1.65E-06	1.57E-07	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	4.62E-05	1.22E-06	1.22E-06	4.88E-07	5.61E-06	5.62E-08	6.05E-07	5.76E-08	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	4.62E-05	1.22E-06	1.22E-06	4.88E-07	5.61E-06	5.62E-08	6.05E-07	5.76E-08	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	5.98E-05	1.58E-06	1.58E-06	6.33E-07	7.27E-06	7.29E-08	7.85E-07	7.46E-08	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo(a)phenanthrene	ND	ND	ND	ND	ND	3.31E-04	4.39E-06	4.72E-05	4.56E-06	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.13E-03	1.22E-02	1.16E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	2.95E-04	3.18E-03	3.02E-04	1.00E-01	ND
	SE	Selenium	2.48E-01	1.18E-03	3.12E-05	5.80E-05	5.80E-05	3.98E-02	3.97E-04	4.28E-03	4.07E-04	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	9.17E-01	4.37E-03	1.16E-04	2.31E-04	2.31E-04	2.26E-01	3.01E-03	3.24E-02	3.08E-03	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	5.29E-02	2.52E-04	6.66E-06	1.33E-05	1.33E-05	1.74E-02	1.74E-04	1.87E-03	1.78E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E-01	2.35E-01	6.20E-03	1.55E-02	1.55E-02	5.06E+00	6.07E-02	6.54E-01	6.22E-02	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	1.93E-03	5.11E-05	1.02E-04	1.02E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	3.73E-01	2.36E-03	3.21E-02	2.99E-03	1.12E+01	ND
	ZN	Zinc	1.22E+00	5.82E-03	1.54E-04	3.08E-04	3.08E-04	5.99E-02	3.83E-04	5.16E-03	4.90E-04	9.20E-01	2.30E-01
21	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	3.54E-05	9.30E-09	1.00E-07	9.51E-09	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	3.54E-05	9.30E-09	1.00E-07	9.51E-09	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	2.87E-05	7.52E-09	8.10E-08	7.70E-09	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	5.58E-02	3.98E-06	1.05E-07	2.10E-07	2.10E-07	7.85E-03	2.74E-06	2.95E-05	2.81E-06	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.18E-01	1.56E-05	4.13E-07	8.29E-07	8.29E-07	3.08E-02	1.08E-05	1.16E-04	1.10E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.11E-02	4.43E-06	4.76E-05	2.83E-06	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	4.39E-02	9.22E-06	9.92E-05	5.66E-06	1.23E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	7.81E-03	1.64E-06	1.76E-05	1.03E-06	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	3.04E-05	1.06E-08	1.14E-07	1.10E-08	6.40E-04	9.25E-05

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
21 (cont.)	2MP	o-Cresol	ND	ND	ND	ND	ND	5.16E-06	1.81E-09	1.93E-08	1.85E-09	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	1.26E-05	4.43E-09	4.76E-08	4.53E-09	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.71E-03	2.65E-07	7.01E-09	1.40E-08	1.40E-08	5.22E-04	1.83E-07	1.96E-06	1.87E-07	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5.80E-03	4.15E-07	1.10E-08	2.19E-08	2.19E-08	8.17E-04	2.85E-07	3.07E-06	2.92E-07	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5.04E-02	3.60E-06	9.52E-08	1.90E-07	1.90E-07	7.09E-03	2.48E-06	2.67E-05	2.54E-06	ND	ND
	789HPF	1,2,3,6,7,8-Hexachlorodibenzofuran	4.92E-04	3.52E-08	9.31E-10	1.86E-09	1.86E-09	6.93E-05	2.42E-08	2.61E-07	2.48E-08	ND	ND
	789HXD	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	6.52E-04	4.66E-08	1.23E-09	2.46E-09	2.46E-09	9.18E-05	3.21E-08	3.45E-07	3.28E-08	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.77E-04	3.41E-08	9.01E-10	1.80E-09	1.80E-09	6.71E-05	2.35E-08	2.52E-07	2.40E-08	ND	ND
	78HXDD	1,2,3,7,8,9-Hexachlorodibenzofuran	5.96E-04	4.26E-08	1.13E-09	2.25E-09	2.25E-09	8.39E-05	2.93E-08	3.16E-07	3.00E-08	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	5.37E-02	3.84E-06	1.02E-07	2.03E-07	2.03E-07	7.56E-03	2.64E-06	2.85E-05	2.71E-06	ND	ND
	78PCDD	1,2,3,4,7,8-Hexachlorodibenzofuran	5.82E-04	4.16E-08	1.10E-09	2.19E-09	2.19E-09	8.20E-05	2.87E-08	3.08E-07	2.93E-08	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.89E-01	3.50E-05	9.25E-07	1.86E-06	1.86E-06	6.91E-02	2.42E-05	2.60E-04	2.47E-05	ND	ND
	ABHC	1,2,3,7,8-Pentachlorodibenzofuran	2.20E-02	1.57E-06	4.15E-08	8.33E-08	8.33E-08	3.10E-03	1.08E-06	1.17E-05	1.11E-06	ND	ND
	ACLDAN	alpha-Hexachlorocyclohexane	3.49E-04	2.49E-08	6.59E-10	1.32E-09	1.32E-09	ND	ND	ND	ND	ND	ND
	AENSLF	alpha-Chlordane	4.24E-05	3.03E-09	8.02E-11	1.60E-10	1.60E-10	1.76E-05	3.69E-09	3.97E-08	3.78E-09	ND	ND
	AG	Endosulfan I	4.98E-04	3.56E-08	9.42E-10	1.88E-09	1.88E-09	ND	ND	ND	ND	ND	ND
	AL	Silver	9.64E-03	6.89E-07	1.82E-08	3.63E-08	3.63E-08	6.22E-05	1.05E-08	1.41E-07	1.34E-08	2.01E-01	ND
	ALDRN	Aluminum	4.19E-04	2.99E-08	6.09E-10	1.58E-09	1.58E-09	1.00E+00	2.63E-04	2.27E-03	2.69E-04	1.09E+01	2.83E+00
	ANAPNE	Aldrin	ND	ND	ND	ND	ND	1.48E-04	3.10E-08	3.33E-07	1.59E-08	ND	ND
	ANAPYL	Acenaphthene	ND	ND	ND	ND	ND	3.89E-05	1.35E-08	1.46E-07	1.41E-08	8.20E-04	1.18E-04
	ANIL	Acenaphthylene	ND	ND	ND	ND	ND	3.13E-05	1.09E-08	1.17E-07	1.13E-08	6.60E-04	9.54E-05
	ANTRC	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	AS	Anthrane	ND	ND	ND	ND	ND	6.74E-04	2.35E-07	2.52E-06	2.44E-07	1.42E-02	2.05E-03
	ATZ	Arsenic	9.85E-02	7.04E-06	1.86E-07	3.72E-07	3.72E-07	7.65E-03	2.68E-06	2.89E-05	2.75E-06	4.61E-01	7.68E-02
	B3CEXM	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B3CIPE	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B3CLEE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B3CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kitt	Plants	Soil Fauna
Number	Name			Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer		Fox		
21 (cont.)	B2EHP	Bis(2-ethylhexyl) phthalate	6.90E-03	4.93E-07	1.30E-08	2.61E-08	2.61E-08	1.49E-05	5.21E-09	5.60E-08	5.33E-09	2.40E-03	ND
	BA	Barium	1.21E+00	8.68E-05	2.30E-06	4.59E-06	4.59E-06	2.10E-01	7.36E-05	7.92E-04	7.50E-05	7.88E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	3.89E-05	1.35E-08	1.46E-07	1.41E-08	8.20E-04	1.18E-04
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	1.14E-03	3.96E-07	4.27E-06	4.12E-07	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	2.94E-04	1.02E-07	1.10E-06	1.06E-07	6.20E-03	8.96E-04
	BBHC	beta-Hexachlorocyclohexane	9.59E-04	6.86E-08	1.81E-09	3.63E-09	3.63E-09	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	2.59E-02	1.85E-06	4.89E-08	9.78E-08	9.78E-08	5.58E-05	1.95E-08	2.10E-07	2.00E-08	9.00E-03	ND
	BE	Beryllium	6.58E-04	4.70E-08	1.24E-09	2.49E-09	2.49E-09	3.18E-05	1.11E-08	1.20E-07	1.14E-08	2.14E-02	ND
	BENSLF	Endosulfan II	3.49E-04	2.49E-08	6.59E-10	1.32E-09	1.32E-09	ND	ND	ND	ND	ND	ND
	BENZID	Benizidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOZ	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	1.71E-04	5.95E-08	6.40E-07	6.18E-08	3.60E-03	5.20E-04
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.23E-04	4.29E-08	4.62E-07	4.46E-08	2.60E-03	3.76E-04
	BZALC	Benzyl alcohol	4.78E-03	3.42E-07	9.04E-09	1.81E-08	1.81E-08	1.62E-05	3.40E-09	1.47E-08	3.48E-09	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	9.20E+00	6.57E-04	1.74E-05	3.23E-05	3.23E-05	5.08E-02	1.77E-05	1.91E-04	1.81E-05	6.67E+00	1.00E+00
	CHRY	Chrysene	ND	ND	ND	ND	ND	3.04E-05	1.06E-08	1.14E-07	1.10E-08	6.40E-04	9.25E-05
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	7.25E-04	5.18E-08	1.37E-09	2.74E-09	2.74E-09	3.00E-04	6.31E-08	6.79E-07	6.46E-08	ND	ND
	CO	Cobalt	1.42E-03	1.01E-07	2.68E-09	5.36E-09	5.36E-09	1.05E-01	3.52E-05	3.79E-04	4.51E-05	1.99E-01	ND
	CPMS	p-Chlorophenyl/methyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenyl/methyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenyl/methyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	4.05E+00	2.89E-04	7.65E-06	1.53E-05	1.53E-05	9.28E-03	1.95E-06	2.10E-05	1.59E-06	2.35E-01	4.40E+01
	CU	Copper	2.35E+00	1.68E-04	4.44E-06	8.87E-06	8.87E-06	5.83E-01	1.22E-04	1.32E-03	1.00E-04	4.34E+00	5.18E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	2.94E-04	1.02E-07	1.10E-06	1.06E-07	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	1.06E-03	7.57E-08	2.00E-09	4.00E-09	4.00E-09	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	3.45E-03	2.47E-07	6.52E-09	1.30E-08	1.30E-08	7.44E-06	2.60E-09	2.80E-08	2.66E-09	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	4.78E-04	3.42E-08	6.96E-10	1.81E-09	1.81E-09	1.69E-04	3.54E-08	3.81E-07	1.81E-08	ND	1.60E-05
	DMP	Dimethyl phthalate	9.06E-04	6.47E-08	1.71E-09	3.42E-09	3.42E-09	1.95E-06	6.83E-10	7.36E-09	6.99E-10	3.15E-04	ND
	DNBP	Di-n-butyl phthalate	1.87E-02	1.34E-06	3.53E-08	7.07E-08	7.07E-08	4.03E-05	1.41E-08	1.52E-07	1.44E-08	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	3.31E-03	2.36E-07	6.25E-09	1.25E-08	1.25E-08	7.13E-06	2.50E-09	2.69E-08	2.55E-09	ND	ND
	ENDRN	Endrin	9.26E-02	6.61E-06	1.75E-07	3.34E-07	3.34E-07	1.90E-05	4.00E-09	4.30E-08	4.09E-09	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
21 (cont.)	ENDRNA	Endrin aldehyde		7.12E-03	5.09E-07	1.35E-08	2.57E-08	2.57E-08	1.46E-06	3.07E-10	3.31E-09	3.15E-10	ND	ND
	ENDRNK	Endrin ketone		7.12E-03	5.09E-07	1.35E-08	2.57E-08	2.57E-08	1.46E-06	3.07E-10	3.31E-09	3.15E-10	ND	ND
	ESFSO4	Endosulfan sulfate		2.49E-04	1.78E-08	4.71E-10	9.42E-10	9.42E-10	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FE	Iron		7.82E+00	5.59E-04	1.48E-05	2.96E-05	2.96E-05	3.04E-05	1.06E-08	1.14E-07	1.10E-08	6.40E-04	9.25E-05
	FLRENE	Fluorene		ND	ND	ND	ND	ND	3.30E+00	1.15E-03	1.24E-02	1.18E-03	ND	1.02E+01
	GCLDAN	gamma-Chlordane		6.65E-04	6.11E-08	1.62E-09	3.23E-09	3.23E-09	6.17E-05	2.15E-08	2.31E-07	2.23E-08	1.30E-03	1.88E-04
	HCBBD	Hexachlorobutadiene		ND	ND	ND	ND	ND	1.76E-05	3.69E-09	3.97E-08	3.78E-09	ND	ND
	HG	Mercury		6.91E-03	4.94E-07	1.31E-08	2.61E-08	2.61E-08	3.69E-04	9.84E-08	1.06E-06	1.01E-07	1.93E-01	5.78E-02
	HMX	Cyclotetramethylenetetranitramine		ND	ND	ND	ND	ND	1.05E-03	3.69E-07	3.97E-06	3.78E-07	ND	ND
	HPCL	Heptachlor		1.10E-03	7.84E-08	2.07E-09	4.15E-09	4.15E-09	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide		6.48E-04	4.63E-08	1.22E-09	2.45E-09	2.45E-09	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene		ND	ND	ND	ND	ND	2.30E-03	7.96E-07	8.57E-06	8.16E-07	4.80E-02	6.94E-03
	ISODR	Isodrin		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane		4.98E-04	3.56E-08	9.42E-10	1.88E-09	1.88E-09	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor		2.68E-04	1.92E-08	5.07E-10	1.01E-09	1.01E-09	ND	ND	ND	ND	ND	ND
	MG	Magnesium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese		1.54E-01	1.10E-05	2.91E-07	5.82E-07	5.82E-07	2.00E-02	7.01E-06	7.54E-05	7.17E-06	4.22E-01	ND
	NA	Sodium		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene		ND	ND	ND	ND	ND	7.03E-04	2.44E-07	2.63E-06	2.54E-07	1.48E-02	2.14E-03
	NB	Nitrobenzene		ND	ND	ND	ND	ND	3.16E-03	8.41E-07	9.05E-06	8.61E-07	ND	1.43E-02
	NI	Nickel		1.40E-01	9.99E-06	2.64E-07	5.28E-07	5.28E-07	2.72E-03	9.52E-07	1.03E-05	9.75E-07	5.44E-02	6.80E-02
	NNDMEA	N-Nitrosodimethylamine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine		ND	ND	ND	ND	ND	6.88E-07	2.41E-10	2.59E-09	2.46E-10	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific		1.21E-02	8.62E-07	2.28E-08	4.55E-08	4.55E-08	1.70E-03	5.94E-07	6.39E-06	6.08E-07	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific		1.67E-03	1.19E-07	3.15E-09	6.28E-09	6.28E-09	2.35E-04	8.20E-08	8.82E-07	8.39E-08	ND	ND
	OXAT	1,4-Oxathiane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead		1.72E+01	2.46E-04	3.26E-05	5.22E-05	5.22E-05	1.33E+00	4.63E-04	4.98E-03	4.73E-04	1.69E+00	1.38E+00
	PCB016	PCB 1016		7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB221	PCB 1221		7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB232	PCB 1232		7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB242	PCB 1242		7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB248	PCB 1248		7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB254	PCB 1254		3.58E-02	2.56E-06	6.77E-08	1.35E-07	1.35E-07	3.61E-04	9.64E-08	1.04E-06	9.04E-08	5.99E-04	9.98E-05

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
21 (cont.)	PCB260	PCB 1260	3.58E-02	2.56E-06	6.77E-08	1.35E-07	1.33E-07	3.61E-04	9.64E-08	1.04E-06	9.04E-08	5.99E-04	9.98E-05
	PCB262	PCB 1262	4.71E+00	3.37E-04	8.90E-06	1.78E-05	1.78E-05	4.74E-02	1.27E-05	1.36E-04	1.19E-05	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	3.04E-05	1.06E-08	1.14E-07	1.10E-08	6.40E-04	9.25E-05
	PHENOL	Phenol	ND	ND	ND	ND	ND	2.74E-06	9.59E-10	1.03E-08	9.82E-10	ND	8.67E-04
	PPDDD	ppDDD	4.04E-03	2.88E-07	7.63E-09	3.05E-09	3.05E-09	1.34E-06	3.51E-10	3.78E-09	3.60E-10	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4.04E-03	2.88E-07	7.63E-09	3.05E-09	3.05E-09	1.34E-06	3.51E-10	3.78E-09	3.60E-10	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	5.23E-03	3.74E-07	9.89E-09	9.89E-09	3.96E-09	1.73E-06	4.56E-10	4.90E-09	4.66E-10	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[a]phenanthrene	ND	ND	ND	ND	ND	7.88E-05	2.74E-08	2.95E-07	2.85E-08	1.66E-03	2.40E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	1.93E-02	7.08E-06	7.62E-05	7.25E-06	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.59E-01	9.07E-05	9.77E-04	9.29E-05	4.92E+00	ND
	SE	Selenium	1.03E-01	7.38E-06	1.95E-07	3.63E-07	3.63E-07	9.46E-03	2.48E-06	2.67E-05	2.54E-06	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	5.13E-01	3.68E-05	9.73E-07	1.94E-06	1.94E-06	7.25E-02	2.53E-05	2.73E-04	2.59E-05	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.16E-02	2.97E-06	7.86E-08	1.57E-07	1.57E-07	7.80E-03	2.05E-06	2.20E-05	2.10E-06	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	2.05E+01	1.47E-03	3.88E-05	9.69E-05	9.69E-05	1.21E+00	3.80E-04	4.08E-03	3.88E-04	1.72E+01	ND
	TXPHEN	Toxaphene	1.69E-01	1.21E-05	3.19E-07	6.39E-07	6.39E-07	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	5.25E-02	8.72E-06	1.19E-04	1.11E-05	6.60E+00	ND
	ZN	Zinc	5.45E+00	3.89E-04	1.03E-05	2.06E-05	2.06E-05	1.53E-01	2.56E-05	3.45E-04	3.28E-05	9.84E+00	2.46E+00
37	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	5.21E-08	5.60E-07	5.33E-08	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	5.21E-08	5.60E-07	5.33E-08	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	234HXXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.56E-01	2.60E-05	6.88E-07	1.37E-06	1.37E-06	1.20E-04	4.21E-08	4.53E-07	4.31E-08	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	5.54E-01	9.23E-05	2.44E-06	4.90E-06	4.90E-06	3.84E-02	1.79E-05	1.93E-04	1.83E-05	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	1.37E-01	6.38E-05	6.87E-04	6.53E-05	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	2.48E-05	2.67E-04	1.59E-05	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	5.16E-05	5.56E-04	3.17E-05	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	9.18E-06	9.88E-05	5.77E-06	1.00E-03	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
37 (cont.)	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2CNAP	2-Chloronaphthalene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2MNAP	2-Methylnaphthalene		ND	ND	ND	ND	ND	1.28E-04	5.92E-08	6.37E-07	6.15E-08	6.40E-04	9.25E-05
2MP	o-Cresol		ND	ND	ND	ND	ND	2.17E-05	1.01E-08	1.09E-07	1.04E-08	ND	ND
2NANIL	2-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2NP	2-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33DCBD	3,3'-Dichlorobenzidine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35DNA	3,5-Dinitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3NANIL	3-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3NT	3-Nitrotoluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46DN2C	4,6-Dinitro-2-cresol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4BRPPE	4-Bromophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CANIL	4-Chloroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CL3C	3-Methyl-4-chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CLPPE	4-Chlorophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4MP	p-Cresol		ND	ND	ND	ND	ND	5.31E-05	2.48E-08	2.67E-07	2.54E-08	ND	ND
4NANIL	4-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4NP	4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		5.34E-01	8.91E-05	2.36E-06	4.70E-06	4.70E-06	1.32E-01	6.13E-05	6.60E-04	6.28E-05	ND	ND
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran		1.56E-02	2.60E-06	6.88E-08	1.37E-07	1.37E-07	3.84E-03	1.79E-06	1.93E-05	1.83E-06	ND	ND
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin		1.35E-01	2.25E-05	5.95E-07	1.19E-06	1.19E-06	3.32E-02	1.55E-05	1.67E-04	1.59E-05	ND	ND
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran		1.38E-03	2.30E-07	6.09E-09	1.21E-08	1.21E-08	3.40E-04	1.59E-07	1.71E-06	1.62E-07	ND	ND
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin		1.76E-03	2.93E-07	7.76E-09	1.53E-08	1.53E-08	4.33E-04	2.02E-07	2.17E-06	2.07E-07	ND	ND
789HXD	1,2,3,7,8,9-Hexachlorodibenzofuran		7.09E-03	1.18E-06	3.13E-08	6.24E-08	6.24E-08	1.75E-03	8.14E-07	8.76E-06	8.33E-07	ND	ND
789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran		1.67E-03	2.78E-07	7.33E-09	1.47E-08	1.47E-08	4.11E-04	1.91E-07	2.06E-06	1.96E-07	ND	ND
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		1.59E-01	2.65E-05	7.02E-07	1.40E-06	1.40E-06	3.92E-02	1.83E-05	1.97E-04	1.87E-05	ND	ND
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran		1.60E-03	2.66E-07	7.03E-09	1.40E-08	1.40E-08	3.93E-04	1.83E-07	1.97E-06	1.88E-07	ND	ND
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin		1.01E+00	1.69E-04	4.46E-06	8.95E-06	8.95E-06	2.50E-01	1.16E-04	1.25E-03	1.19E-04	ND	ND
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran		5.54E-02	9.23E-06	2.44E-07	4.90E-07	4.90E-07	1.37E-02	6.38E-06	6.87E-05	6.53E-06	ND	ND
ABHC	alpha-Hexachlorocyclohexane		8.37E-04	1.40E-07	3.69E-09	7.39E-09	7.39E-09	ND	ND	ND	ND	ND	ND
ACLDAN	alpha-Chlordane		1.02E-04	1.70E-08	4.49E-10	8.98E-10	8.98E-10	7.38E-05	2.07E-08	2.22E-07	2.11E-08	ND	ND
AENSLF	Endosulfan I		1.20E-03	1.99E-07	5.28E-09	1.06E-08	1.06E-08	ND	ND	ND	ND	ND	ND
AG	Silver		2.31E-02	3.86E-06	1.02E-07	2.03E-07	2.03E-07	2.61E-04	5.85E-08	7.88E-07	7.49E-08	2.01E-01	ND
AL	Aluminum		ND	ND	ND	ND	ND	2.60E+00	9.09E-04	7.83E-03	9.30E-04	6.70E+00	1.75E+00
ALDRN	Aldrin		1.00E-03	1.68E-07	3.41E-09	8.86E-09	8.86E-09	6.20E-04	1.74E-07	1.87E-06	8.88E-08	ND	ND
ANAPNE	Acenaphthene		ND	ND	ND	ND	ND	1.64E-04	7.58E-08	8.16E-07	7.88E-08	8.20E-04	1.18E-04
ANAPYL	Acenaphthylene		ND	ND	ND	ND	ND	1.32E-04	6.10E-08	6.57E-07	6.34E-08	6.60E-04	9.54E-05
ANIL	Aniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTRC	Anthracene		ND	ND	ND	ND	ND	2.83E-03	1.31E-06	1.41E-05	1.36E-06	1.42E-02	2.05E-03
AS	Arsenic		1.94E-01	3.23E-05	8.55E-07	1.71E-06	1.71E-06	2.64E-02	1.23E-05	1.33E-04	1.26E-05	3.78E-01	6.30E-02
ATZ	Atrazine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
37 (cont.)	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIEP	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	2.76E-06	7.31E-08	1.46E-07	1.46E-07	6.25E-05	2.92E-08	3.14E-07	2.98E-08	2.40E-03	ND
	BA	Barium	4.48E-01	7.46E-05	1.97E-06	3.95E-06	3.95E-06	1.35E-01	6.33E-05	6.81E-04	6.45E-05	1.21E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	9.57E-03	4.44E-06	4.78E-05	4.61E-06	4.80E-02	6.94E-03
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	4.79E-03	2.22E-06	2.39E-05	2.31E-06	1.20E-02	3.47E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.83E-02	8.51E-06	9.16E-05	8.84E-06	9.20E-02	1.33E-02
	BHHC	beta-Hexachlorocyclohexane	2.30E-03	3.84E-07	1.02E-08	2.03E-08	2.03E-08	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	1.04E-05	2.74E-07	5.48E-07	5.48E-07	2.34E-04	1.09E-07	1.18E-06	1.12E-07	9.00E-03	ND
	BE	Beryllium	1.58E-03	2.63E-07	6.97E-09	1.39E-08	1.39E-08	1.33E-04	6.23E-08	6.70E-07	6.37E-08	2.14E-02	ND
	BENSLF	Endosulfan II	1.01E-02	1.69E-06	4.47E-08	8.94E-08	8.94E-08	ND	ND	ND	ND	ND	ND
	BENZID	Benidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOZ	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BOHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	4.63E-03	2.15E-06	2.31E-05	2.23E-06	2.32E-02	3.35E-03
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.66E-03	2.63E-06	2.83E-05	2.73E-06	2.84E-02	4.10E-03
	BZALC	Benzyl alcohol	1.15E-02	1.91E-06	5.06E-08	1.01E-07	1.01E-07	6.81E-05	1.91E-08	8.21E-08	1.95E-08	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	6.62E-01	1.10E-04	2.92E-06	5.43E-06	5.43E-06	6.40E-03	2.97E-06	3.20E-05	3.04E-06	2.00E-01	3.00E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	1.12E-02	5.18E-06	5.57E-05	5.38E-06	5.60E-02	8.09E-03
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	2.90E-07	7.68E-09	1.54E-08	1.54E-08	1.26E-03	3.53E-07	3.80E-06	3.61E-07	ND	ND
	CO	Cobalt	2.49E-03	4.16E-07	1.10E-08	2.20E-08	2.20E-08	3.23E-01	1.45E-04	1.56E-03	1.85E-04	1.46E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	4.74E+00	7.91E-04	2.09E-05	4.18E-05	4.18E-05	1.90E-02	5.32E-06	5.73E-05	4.36E-06	1.15E-01	2.15E+01
	CU	Copper	1.19E-01	1.99E-05	5.23E-07	1.05E-06	1.05E-06	5.18E-02	1.45E-05	1.56E-04	1.19E-05	9.18E-02	1.10E-01
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	1.24E-03	5.73E-07	6.17E-06	5.96E-07	6.20E-03	8.96E-04
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	4.24E-07	1.12E-08	2.24E-08	2.24E-08	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	1.38E-06	3.65E-08	7.31E-08	7.31E-08	3.12E-05	1.46E-08	1.57E-07	1.49E-08	1.20E-03	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	2.83E-02	4.71E-06	9.59E-08	2.49E-07	2.49E-07	1.74E-02	4.88E-06	5.26E-05	2.50E-06	ND	3.94E-04
	DMP	Dimethyl phthalate	2.17E-03	3.62E-07	9.59E-09	1.92E-08	1.92E-08	8.20E-06	3.83E-09	4.12E-08	3.92E-09	3.15E-04	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kill Fox	Plants	Soil Fauna
37 (cont.)													
	DNBP	Di-n-butyl phthalate	4.49E-02	7.48E-06	1.98E-07	3.96E-07	3.96E-07	1.69E-04	7.90E-08	8.50E-07	8.08E-08	3.25E-03	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	1.32E-06	3.50E-08	7.00E-08	7.00E-08	2.99E-05	1.40E-08	1.50E-07	1.43E-08	ND	ND
	ENDRN	Endrin	2.22E-01	3.70E-05	9.80E-07	1.87E-06	1.87E-06	7.99E-05	2.24E-08	2.41E-07	2.29E-08	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	2.85E-06	7.54E-08	1.44E-07	1.44E-07	6.15E-06	1.72E-09	1.85E-08	1.76E-09	ND	ND
	ENDRNK	Endrin ketone	4.82E-02	8.03E-06	2.13E-07	4.06E-07	4.06E-07	1.73E-05	4.85E-09	5.22E-08	4.97E-09	ND	ND
	ESFSO4	Endosulfan sulfate	1.25E-03	2.08E-07	5.50E-09	1.10E-08	1.10E-08	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FE	Iron	1.50E+01	2.51E-03	6.63E-05	1.33E-04	1.33E-04	1.11E+01	5.18E-03	7.56E-05	7.30E-06	7.60E-02	1.10E-02
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	1.20E-07	5.57E-02	5.29E-03	ND	8.17E+00
	GCLDAN	gamma-Chlordane	1.59E-03	3.42E-07	9.04E-09	1.81E-08	1.81E-08	7.38E-05	2.07E-08	1.29E-06	1.25E-07	1.30E-03	1.88E-04
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	2.22E-07	2.11E-08	ND	ND
	HG	Mercury	7.18E-03	1.20E-06	3.17E-08	6.33E-08	6.33E-08	6.71E-04	2.38E-07	2.57E-06	2.44E-07	8.33E-02	2.50E-02
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	2.07E-06	2.22E-05	2.11E-06	ND	ND
	HPCL	Heptachlor	2.63E-03	4.39E-07	1.16E-08	2.32E-08	2.32E-08	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	2.59E-07	6.86E-09	1.37E-08	1.37E-08	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	4.46E-06	4.80E-05	4.57E-06	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	1.99E-07	5.28E-09	1.06E-08	1.06E-08	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	1.07E-07	2.84E-09	5.68E-09	5.68E-09	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	2.43E-01	4.06E-05	1.07E-06	2.15E-06	2.15E-06	5.54E-02	2.58E-05	2.78E-04	2.64E-05	2.78E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	1.37E-06	1.47E-05	1.42E-06	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	4.71E-06	5.07E-05	4.82E-06	ND	1.43E-02
	NI	Nickel	1.58E-01	2.64E-05	6.98E-07	1.40E-06	1.40E-06	5.40E-03	2.52E-06	2.71E-05	2.58E-06	2.57E-02	3.21E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	1.35E-09	1.45E-08	1.38E-09	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	2.64E-01	4.41E-05	1.17E-06	2.33E-06	2.33E-06	6.51E-02	3.04E-05	3.27E-04	3.11E-05	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	3.07E-03	5.12E-07	1.35E-08	2.70E-08	2.70E-08	7.56E-04	3.53E-07	3.79E-06	3.61E-07	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	4.01E-01	1.34E-05	1.77E-06	2.84E-06	2.84E-06	5.40E-02	2.51E-05	2.70E-04	2.57E-05	1.64E-02	1.34E-02
	PCB016	PCB 1016	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
37 (cont.)	PCB242	PCB 1242	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	1.43E-05	3.79E-07	7.58E-07	7.58E-07	1.51E-03	5.40E-07	5.81E-06	5.06E-07	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	1.43E-05	3.79E-07	7.58E-07	7.58E-07	1.51E-03	5.40E-07	5.81E-06	5.06E-07	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	1.88E-03	4.99E-05	9.97E-05	9.97E-05	1.99E-01	7.10E-05	7.64E-04	6.66E-05	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.68E-02	7.77E-06	8.36E-05	8.07E-06	8.40E-02	1.21E-02
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	5.37E-09	5.78E-08	5.50E-09	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	1.62E-06	4.27E-08	4.27E-08	1.71E-08	5.61E-06	1.97E-09	2.12E-08	2.01E-09	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	9.69E-03	1.62E-06	4.27E-08	4.27E-08	1.71E-08	5.61E-06	1.97E-09	2.12E-08	2.01E-09	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.26E-02	2.09E-06	5.54E-08	5.54E-08	2.22E-08	7.27E-06	2.55E-09	2.75E-08	2.61E-09	ND	8.75E-06
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	2.15E-02	9.99E-06	1.08E-04	1.04E-05	1.08E-01	1.56E-02
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	3.97E-05	4.27E-04	4.06E-05	ND	ND
	SE	Antimony	ND	ND	ND	ND	ND	2.21E-02	1.03E-05	1.11E-04	1.06E-05	1.00E-01	ND
	SB	Selenium	2.48E-01	4.13E-05	1.09E-06	2.03E-06	2.03E-06	3.98E-02	1.39E-05	1.50E-04	1.42E-05	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.54E+00	2.56E-04	6.77E-06	1.35E-05	1.35E-05	3.78E-01	1.76E-04	1.90E-03	1.80E-04	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1.02E-01	1.70E-05	4.50E-07	8.97E-07	8.97E-07	3.35E-02	1.17E-05	1.26E-04	1.20E-05	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	8.21E-03	2.17E-04	5.43E-04	5.43E-04	5.06E+00	2.13E-03	2.29E-02	2.18E-03	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	6.76E-05	1.79E-06	3.58E-06	3.58E-06	ND	ND	ND	ND	ND	ND
	V	Vanadium	1.09E+00	1.82E-04	4.82E-06	9.64E-06	9.64E-06	5.35E-02	1.20E-05	1.61E-04	5.21E-05	5.55E+00	ND
42	ZN	Zinc	ND	ND	ND	ND	ND	ND	ND	ND	1.53E-05	8.22E-01	2.06E-01
	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	2.68E-06	2.88E-05	2.74E-06	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	2.68E-06	2.88E-05	2.74E-06	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	2.17E-06	2.33E-05	2.22E-06	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2.49E-01	2.13E-03	5.64E-05	1.13E-04	1.13E-04	6.13E-02	1.47E-03	1.58E-02	1.50E-03	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	6.21E-01	5.32E-03	1.41E-04	2.83E-04	2.83E-04	1.53E-01	3.68E-03	3.96E-02	3.77E-03	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	1.27E-03	1.37E-02	8.15E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
42 (cont.)	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	6.14E-01	8.83E-03	9.51E-02	5.42E-03	4.16E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	4.72E-04	5.08E-03	2.97E-04	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	3.66E-04	8.73E-06	9.39E-05	9.07E-06	1.84E-03	2.63E-04
	2MP	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	5.21E-07	5.60E-06	5.33E-07	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	1.27E-06	1.37E-05	1.30E-06	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	7.46E-02	6.40E-04	1.69E-05	3.37E-05	3.37E-05	1.84E-02	4.41E-04	4.74E-03	4.51E-04	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.50E-02	2.15E-04	5.68E-06	1.13E-05	1.13E-05	6.17E-03	1.48E-04	1.59E-03	1.51E-04	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.48E-01	1.27E-03	3.37E-05	6.71E-05	6.71E-05	3.66E-02	8.76E-04	9.43E-03	8.97E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.23E-03	1.91E-05	5.06E-07	1.01E-06	1.01E-06	5.49E-04	1.32E-05	1.42E-04	1.35E-05	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.73E-03	2.34E-05	6.19E-07	1.24E-06	1.24E-06	6.73E-04	1.61E-05	1.74E-04	1.65E-05	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.45E-03	1.24E-05	3.29E-07	6.57E-07	6.57E-07	3.58E-04	8.57E-06	9.23E-05	8.77E-06	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.66E-03	2.28E-05	6.03E-07	1.20E-06	1.20E-06	6.55E-04	1.57E-05	1.69E-04	1.61E-05	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.65E-01	1.41E-03	3.73E-05	7.44E-05	7.44E-05	4.03E-02	9.72E-04	1.05E-02	9.95E-04	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.53E-03	2.17E-05	5.73E-07	1.14E-06	1.14E-06	6.22E-04	1.49E-05	1.61E-04	1.53E-05	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	9.25E-01	7.93E-03	2.10E-04	4.21E-04	4.21E-04	2.28E-01	5.48E-03	5.90E-02	5.61E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	6.21E-02	5.32E-04	1.41E-05	2.83E-05	2.83E-05	1.53E-02	3.68E-04	3.96E-03	3.77E-04	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-04	7.18E-06	1.90E-07	3.80E-07	3.80E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.02E-04	8.73E-07	2.31E-08	4.62E-08	4.62E-08	7.38E-05	1.06E-06	1.14E-05	1.09E-06	ND	ND
	AENSLF	Endosulfan I	1.20E-03	1.03E-05	2.71E-07	5.43E-07	5.43E-07	ND	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	1.98E-04	5.25E-06	1.05E-05	1.05E-05	2.61E-04	3.01E-06	4.05E-05	3.85E-06	2.01E-01	ND
	AL	Aluminum	ND	ND	ND	ND	ND	2.90E+00	5.22E-02	4.49E-01	5.34E-02	7.48E+00	1.93E+00
	ALDRN	Aldrin	1.00E-03	8.62E-06	1.75E-07	4.56E-07	4.56E-07	6.20E-04	8.92E-06	9.60E-05	4.57E-06	ND	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.64E-04	3.90E-06	4.20E-05	4.05E-06	8.20E-04	1.18E-04
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	3.14E-06	3.38E-05	3.26E-06	6.60E-04	9.54E-05
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
42 (cont.)	ANTRC	Anthracene	ND	ND	ND	ND	ND	2.83E-03	6.75E-03	7.27E-04	7.02E-05	1.42E-02	2.05E-03
AS	Arsenic		1.15E+00	9.88E-03	2.61E-04	5.23E-04	5.23E-04	1.57E-01	3.77E-03	4.06E-02	3.86E-03	2.25E+00	3.75E-01
ATZ	Atrazine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CEXM	Bis(2-chloroethoxy) methane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CIPE	Bis(2-chloroisopropyl) ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2CLEE	Bis(2-chloroethyl) ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B2EHP	Bis(2-ethylhexyl) phthalate		1.66E-02	1.42E-04	3.76E-06	7.51E-06	7.51E-06	6.25E-05	1.50E-06	1.61E-05	1.53E-06	2.40E-03	ND
BA	Barium		2.99E+00	2.56E-02	6.77E-04	1.35E-03	1.35E-03	9.02E-01	2.17E-02	2.34E-01	2.21E-02	8.07E-01	ND
BAANTR	Benzo[a]anthracene		ND	ND	ND	ND	ND	6.17E-04	1.47E-05	1.58E-04	1.53E-05	3.09E-03	4.47E-04
BAPYR	Benzo[a]pyrene		ND	ND	ND	ND	ND	4.79E-03	1.14E-04	1.23E-03	1.19E-04	1.20E-02	3.47E-03
BBFANT	Benzo[b]fluoranthene		ND	ND	ND	ND	ND	1.24E-03	2.95E-05	3.17E-04	3.06E-05	6.20E-03	8.96E-04
BBHC	beta-Hexachlorocyclohexane		2.30E-03	1.97E-05	5.22E-07	1.04E-06	1.04E-06	ND	ND	ND	ND	ND	ND
BBZP	Butylbenzyl phthalate		6.21E-02	5.33E-04	1.41E-05	2.82E-05	2.82E-05	2.34E-04	5.62E-06	6.05E-05	5.76E-06	9.00E-03	ND
BE	Beryllium		4.08E-03	3.49E-05	9.24E-07	1.85E-06	1.85E-06	3.44E-04	8.26E-06	8.89E-05	8.45E-06	5.51E-02	ND
BENSLF	Endosulfan II		1.01E-03	8.68E-06	2.30E-07	4.59E-07	4.59E-07	ND	ND	ND	ND	ND	ND
BENZID	Benidine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZOZ	Benzoic acid		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BGHIPY	Benzo[ghi]perylene		ND	ND	ND	ND	ND	7.18E-04	1.71E-05	1.84E-04	1.78E-05	3.60E-03	5.20E-04
BKFANT	Benzo[k]fluoranthene		ND	ND	ND	ND	ND	9.87E-04	2.35E-05	2.53E-04	2.45E-05	4.95E-03	7.15E-04
BZALC	Benzo[alcohol		1.15E-02	9.85E-05	2.60E-06	5.21E-06	5.21E-06	6.81E-05	9.81E-07	4.22E-06	1.00E-06	ND	ND
CA	Calcium		7.39E+00	6.34E-02	1.68E-03	3.11E-03	3.11E-03	7.14E-02	1.71E-03	1.84E-02	1.75E-03	2.23E+00	3.35E-01
CD	Cadmium		ND	ND	ND	ND	ND	1.11E-03	2.66E-05	2.86E-04	2.76E-05	5.58E-03	8.07E-04
CHRY	Chrysene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CL6BZ	Hexachlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CL6CP	Hexachlorocyclopentadiene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CL6ET	Hexachloroethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDAN	Chlordane		1.74E-03	1.49E-05	3.95E-07	7.90E-07	7.90E-07	1.26E-03	1.82E-05	1.95E-04	1.86E-05	ND	ND
CO	Cobalt		6.75E-03	5.79E-05	1.53E-06	3.06E-06	3.06E-06	8.75E-01	2.01E-02	2.17E-01	2.58E-02	3.95E-01	ND
CPMS	p-Chlorophenylmethyl sulfide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CPMSO	p-Chlorophenylmethyl sulfoxide		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CPMSO2	p-Chlorophenylmethyl sulfone		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR	Chromium		7.69E+00	6.59E-02	1.74E-03	3.49E-03	3.49E-03	3.08E-02	4.44E-04	4.78E-03	3.63E-04	1.86E-01	3.48E+01
CU	Copper		1.31E+00	1.13E-02	2.98E-04	5.96E-04	5.96E-04	5.71E-01	8.22E-03	8.84E-02	6.74E-03	1.01E+00	1.21E+00
CYN	Cyanide		ND	ND	ND	ND	ND	1.24E-03	2.95E-05	3.17E-04	3.06E-05	6.20E-03	8.96E-04
DBAHA	Dibenz[a,h]anthracene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DBCP	Dibromochloropropane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DBHC	delta-Hexachlorocyclohexane		2.54E-03	2.18E-05	5.77E-07	1.15E-06	1.15E-06	ND	ND	ND	ND	ND	ND
DBZFUR	Dibenzofuran		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DCPD	Dicyclopentadiene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDVP	Vapona		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DEP	Diethyl phthalate		8.28E-03	7.10E-05	1.88E-06	3.76E-06	3.76E-06	3.12E-05	7.50E-07	8.07E-06	7.67E-07	1.20E-03	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
42 (cont.)	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	1.43E-03	1.22E-05	2.49E-07	6.48E-07	6.48E-07	8.80E-04	1.27E-05	1.36E-04	6.49E-06	ND	ND
	DMP	Dimethyl phthalate	2.17E-03	1.86E-05	4.93E-07	9.86E-07	9.86E-07	8.20E-06	1.97E-07	2.12E-06	2.01E-07	ND	1.99E-05
	DNBP	Di-n-butyl phthalate	4.49E-02	3.85E-04	1.02E-05	2.03E-05	2.03E-05	1.69E-04	4.06E-06	4.37E-05	4.16E-06	3.15E-04	ND
	DNOP	Di-n-octyl phthalate	7.94E-03	6.81E-05	1.80E-06	3.60E-06	3.60E-06	2.99E-05	7.19E-07	7.73E-06	7.35E-07	3.25E-03	ND
	ENDRN	Endrin	2.22E-01	1.90E-03	5.04E-05	9.62E-05	9.62E-05	7.99E-05	1.15E-06	1.24E-05	1.18E-06	ND	ND
	ENDRNA	Endrin aldehyde	1.71E-02	1.47E-04	3.88E-06	7.40E-06	7.40E-06	6.15E-06	8.85E-08	9.53E-07	9.06E-08	ND	ND
	ENDRNK	Endrin ketone	1.71E-02	1.47E-04	3.88E-06	7.40E-06	7.40E-06	6.15E-06	8.85E-08	9.53E-07	9.06E-08	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-04	5.13E-06	1.36E-07	2.71E-07	2.71E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FE	Iron	1.20E+01	1.03E-01	2.72E-03	5.44E-03	5.44E-03	8.84E+00	2.12E-01	2.28E+00	2.17E-01	3.18E-03	4.59E-04
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.59E-04	6.18E-06	6.65E-05	6.42E-06	1.30E-03	6.51E+00
	GCLDAN	gamma-Chlordane	1.59E-03	1.76E-05	4.63E-07	9.30E-07	9.30E-07	7.38E-05	1.06E-06	1.14E-05	1.09E-06	ND	1.88E-04
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	2.66E-02	2.28E-04	6.04E-06	1.21E-05	1.21E-05	2.49E-03	4.55E-05	4.90E-04	4.66E-05	3.09E-01	9.28E-02
	HMXX	Cyclotetramethylethylenetetramine	ND	ND	ND	ND	ND	4.43E-03	1.06E-04	1.14E-03	1.09E-04	ND	ND
	HPCL	Heptachlor	2.63E-03	2.26E-05	5.97E-07	1.19E-06	1.19E-06	ND	ND	ND	ND	ND	ND
	HPCLF	Heptachlor epoxide	1.53E-03	1.33E-05	3.53E-07	7.05E-07	7.05E-07	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	9.66E-03	2.29E-04	2.47E-03	2.35E-04	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	1.20E-03	1.03E-05	2.71E-07	5.43E-07	5.43E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	6.44E-04	5.52E-06	1.46E-07	2.92E-07	2.92E-07	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	3.17E-01	2.72E-03	7.18E-05	1.44E-04	1.44E-04	7.21E-02	1.73E-03	1.86E-02	1.77E-03	3.62E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	7.04E-05	7.58E-04	7.31E-05	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	2.42E-04	2.61E-03	2.48E-04	ND	1.43E-02
	NI	Nickel	4.88E-01	4.19E-03	1.11E-04	2.22E-04	2.22E-04	1.66E-02	3.99E-04	4.30E-03	4.09E-04	7.92E-02	9.90E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	6.93E-08	7.46E-07	7.09E-08	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	5.04E-02	4.32E-04	1.14E-05	2.28E-05	2.28E-05	1.24E-02	2.98E-04	3.20E-03	3.05E-04	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	5.25E-03	4.50E-05	1.19E-06	2.37E-06	2.37E-06	1.29E-03	3.10E-05	3.34E-04	3.17E-05	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	2.91E+01	4.99E-02	6.60E-03	1.06E-02	1.06E-02	3.91E+00	9.37E-02	1.01E+00	9.59E-02	1.19E+00	9.70E-01
	PCB016	PCB 1016	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
42 (cont.)	PCB221	PCB 1221	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	7.37E-04	1.95E-05	3.90E-05	3.90E-05	1.51E-03	2.78E-05	2.99E-04	2.60E-05	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	7.37E-04	1.95E-05	3.90E-05	3.90E-05	1.51E-03	2.78E-05	2.99E-04	2.60E-05	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	9.69E-02	2.56E-03	5.13E-03	5.13E-03	1.99E-01	3.65E-03	3.93E-02	3.42E-03	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.47E-03	3.51E-05	3.78E-04	3.65E-05	7.38E-03	1.07E-03
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	2.76E-07	2.97E-06	2.83E-07	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	8.31E-05	2.20E-06	2.20E-06	8.79E-07	5.61E-06	1.01E-07	1.09E-06	1.04E-07	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	1.13E-02	9.66E-05	2.55E-06	2.55E-06	1.02E-06	6.52E-06	1.18E-07	1.27E-06	1.20E-07	ND	7.84E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.79E-02	2.39E-04	6.33E-06	6.33E-06	2.53E-06	1.62E-05	2.92E-07	3.14E-06	2.99E-07	ND	1.95E-05
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo[def]phenanthrene	ND	ND	ND	ND	ND	1.99E-03	4.74E-05	5.10E-04	4.92E-05	9.96E-03	1.44E-03
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	2.04E-03	2.20E-02	2.09E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	9.23E+00	2.21E-01	2.38E+00	2.27E-01	4.17E+01	ND
	SE	Selenium	5.34E-01	4.58E-03	1.21E-04	2.25E-04	2.25E-04	8.56E-02	1.54E-03	1.66E-02	1.58E-03	4.84E-01	6.91E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.10E+00	9.45E-03	2.50E-04	4.98E-04	4.98E-04	2.71E-01	6.51E-03	7.00E-02	6.66E-03	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1.30E-01	1.11E-03	2.94E-05	5.86E-05	5.86E-05	4.25E-02	7.65E-04	8.23E-03	7.83E-04	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	4.22E-01	1.12E-02	2.79E-02	2.79E-02	5.06E+00	1.09E-01	1.18E+00	1.12E-01	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	3.48E-03	9.20E-05	1.84E-04	1.84E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.15E-01	2.45E-03	3.33E-02	3.11E-03	6.44E+00	ND
	ZN	Zinc	2.31E+00	1.98E-02	5.24E-04	1.05E-03	1.05E-03	1.13E-01	1.30E-03	1.75E-02	1.67E-03	1.74E+00	4.34E-01
45	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.77E-05	1.91E-04	1.81E-05	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.77E-05	1.91E-04	1.81E-05	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.77E-05	1.91E-04	1.81E-05	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.97E+00	2.35E-03	6.22E-05	1.24E-04	1.24E-04	4.87E-01	1.62E-03	1.74E-02	1.66E-03	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.61E+00	1.91E-03	5.06E-05	1.02E-04	1.02E-04	3.97E-01	1.32E-03	1.42E-02	1.35E-03	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	8.85E-02	1.77E-04	1.91E-03	1.13E-04	4.76E-01	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU	Test	Name	Analyte	Passerines	American Keatrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
45 (cont.)	24DMPN	2,4-Dimethylphenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene		ND	ND	ND	ND	ND	1.84E-01	3.69E-04	3.97E-03	2.27E-04	1.25E-03	ND
	26DNA	2,6-Dinitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene		ND	ND	ND	ND	ND	3.28E-02	6.56E-05	7.06E-04	4.12E-05	1.00E-03	ND
	2CLP	2-Chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MNAP	2-Methylnaphthalene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MP	o-Cresol		ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
	2NANIL	2-Nitroaniline		ND	ND	ND	ND	ND	1.11E-03	3.69E-06	3.97E-05	3.78E-06	ND	ND
	2NP	2-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPE	4-Bromophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NANIL	4-Nitroaniline		ND	ND	ND	ND	ND	2.21E-03	7.38E-06	7.94E-05	7.55E-06	ND	ND
	4NP	4-Nitrophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		5.77E-02	6.88E-05	1.82E-06	3.63E-06	3.63E-06	1.42E-02	4.74E-05	5.10E-04	4.85E-05	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran		1.22E-01	1.45E-04	3.84E-06	7.66E-06	7.66E-06	3.00E-02	1.00E-04	1.08E-03	1.02E-04	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin		6.04E-01	7.20E-04	1.90E-05	3.80E-05	3.80E-05	1.49E-01	4.96E-04	5.34E-03	5.07E-04	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran		1.72E-02	2.05E-05	5.42E-07	1.08E-06	1.08E-06	4.24E-03	1.41E-05	1.52E-04	1.45E-05	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin		1.34E-02	1.59E-05	4.22E-07	8.41E-07	8.41E-07	3.30E-03	1.10E-05	1.18E-04	1.12E-05	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin		5.83E-03	6.94E-06	1.84E-07	3.66E-07	3.66E-07	1.44E-03	4.78E-06	5.14E-05	4.89E-06	ND	ND
	789HXP	1,2,3,7,8,9-Hexachlorodibenzofuran		2.09E-02	2.49E-05	6.60E-07	1.32E-06	1.32E-06	5.16E-03	1.72E-05	1.85E-04	1.76E-05	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		6.64E-01	7.90E-04	2.09E-05	4.17E-05	4.17E-05	1.64E-01	5.44E-04	5.86E-03	5.57E-04	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran		2.05E-02	2.44E-05	6.44E-07	1.28E-06	1.28E-06	5.04E-03	1.68E-05	1.81E-04	1.72E-05	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin		1.20E+00	1.43E-03	3.79E-05	7.60E-05	7.60E-05	2.97E-01	9.89E-04	1.06E-02	1.01E-03	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran		1.59E-01	1.90E-04	5.02E-06	1.01E-05	1.01E-05	3.94E-02	1.31E-04	1.41E-03	1.34E-04	ND	ND
	ABHC	alpha-Hexachlorocyclohexane		8.37E-03	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane		5.44E-03	6.48E-06	1.72E-07	3.43E-07	3.43E-07	3.95E-03	7.89E-06	8.49E-05	8.07E-06	ND	ND
	AENSLF	Endosulfan I		1.20E-02	1.42E-05	3.77E-07	7.54E-07	7.54E-07	ND	ND	ND	ND	ND	ND
	AG	Silver		2.31E-02	2.76E-05	7.29E-07	1.45E-06	1.45E-06	2.61E-04	4.18E-07	5.63E-06	5.35E-07	2.01E-01	ND
	AL	Aluminum		ND	ND	ND	ND	ND	7.75E+00	1.94E-02	1.67E-01	1.98E-02	2.00E+01	5.21E+00
	ALDRN	Aldrin		1.00E-02	1.20E-05	2.44E-07	6.33E-07	6.33E-07	6.20E-03	1.24E-05	1.33E-04	6.34E-06	ND	ND
	ANAPNE	Acenaphthene		ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
45 (cont.)	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	1.60E-01	5.29E-04	5.69E-03	5.49E-04	8.00E-01	1.16E-01
	AS	Arsenic	1.70E+00	2.02E-03	5.35E-05	1.07E-04	1.07E-04	2.31E-01	7.71E-04	8.30E-03	7.89E-04	3.31E+00	5.52E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BA	Barium	6.90E-01	8.22E-04	2.17E-05	4.35E-05	4.35E-05	2.60E-03	8.68E-06	9.34E-05	8.88E-06	1.00E-01	ND
	BAANTR	Benzo[a]anthracene	1.06E+00	1.26E-03	3.33E-05	6.66E-05	6.66E-05	3.19E-01	1.07E-03	1.15E-02	1.09E-03	2.86E-01	ND
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	2.39E-01	7.93E-04	8.53E-03	8.24E-04	6.00E-01	1.73E-01
	BBHC	beta-Hexachlorocyclohexane	2.30E-02	2.74E-05	7.25E-07	1.45E-06	1.45E-06	ND	ND	ND	ND	ND	5.78E-02
	BBZP	Butylbenzyl phthalate	3.11E+00	3.70E-03	9.78E-05	1.96E-04	1.96E-04	1.17E-02	3.91E-05	4.20E-04	4.00E-05	4.50E-01	ND
	BE	Beryllium	5.87E-03	7.00E-06	1.85E-07	3.70E-07	3.70E-07	4.96E-04	1.65E-06	1.78E-05	1.69E-06	7.94E-02	ND
	BENSLF	Endosulfan II	8.37E-03	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	BENZID	Benizidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOZ	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	3.59E-02	1.19E-04	1.28E-03	1.24E-04	1.80E-01	2.60E-02
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	2.39E-02	7.93E-05	8.53E-04	8.24E-05	1.20E-01	1.73E-02
	BZALC	Benzo[l]alcohol	7.18E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	4.26E-03	8.51E-06	3.66E-05	8.71E-06	ND	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	5.32E+00	6.34E-03	1.68E-04	3.11E-04	3.11E-04	5.14E-02	1.71E-04	1.84E-03	1.75E-04	1.61E+00	2.41E-01
	CHRY	Chrysene	ND	ND	ND	ND	ND	4.58E-03	1.52E-05	1.63E-04	1.58E-05	2.30E-02	3.32E-03
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	6.81E-02	8.11E-05	2.15E-06	4.29E-06	4.29E-06	4.94E-02	9.87E-05	1.06E-03	1.01E-04	ND	ND
	CO	Cobalt	4.67E-03	5.56E-06	1.47E-07	2.94E-07	2.94E-07	6.03E-01	1.94E-03	2.08E-02	2.48E-03	2.73E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	3.57E+01	4.25E-02	1.12E-03	2.25E-03	2.25E-03	1.43E-01	2.86E-04	3.08E-03	2.34E-04	8.61E-01	1.61E+02
	CU	Copper	1.19E+00	1.42E-03	3.75E-05	7.50E-05	7.50E-05	5.17E-01	1.03E-03	1.11E-02	8.48E-04	9.18E-01	1.09E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	7.98E-02	2.64E-04	2.84E-03	2.75E-04	4.00E-01	5.78E-02
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-02	3.03E-05	8.01E-07	1.60E-06	1.60E-06	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
43 (cont.)	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	3.45E-01	4.11E-04	1.09E-05	2.17E-05	2.17E-05	1.30E-03	4.34E-06	4.67E-05	4.44E-06	5.00E-02	ND
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN	Dieldrin	2.03E-01	2.42E-04	4.93E-06	1.28E-05	1.28E-05	1.26E-01	2.51E-04	2.70E-03	1.28E-04	ND	ND
	DMP	Dimethyl phthalate	1.04E-01	1.23E-04	3.26E-06	6.52E-06	6.52E-06	3.91E-04	1.30E-06	1.40E-05	1.33E-06	1.50E-02	2.84E-03
	DNBP	Di-n-butyl phthalate	2.07E+00	2.47E-03	6.52E-05	1.30E-04	1.30E-04	7.81E-03	2.60E-05	2.80E-04	2.66E-05	1.50E-01	ND
	DNOP	Di-n-octyl phthalate	3.43E-01	4.11E-04	1.09E-05	2.17E-05	2.17E-05	1.30E-03	4.34E-06	4.67E-05	4.44E-06	ND	ND
	ENDRN	Endrin	4.66E+00	5.55E-03	1.47E-04	2.80E-04	2.80E-04	1.68E-03	3.35E-06	3.61E-05	3.43E-06	ND	ND
	ENDRNA	Endrin aldehyde	3.40E-01	4.05E-04	1.07E-05	2.05E-05	2.05E-05	1.22E-04	2.45E-07	2.64E-06	2.51E-07	ND	ND
	ENDRNK	Endrin ketone	1.71E-01	2.04E-04	5.38E-06	1.03E-05	1.03E-05	6.15E-05	1.23E-07	1.32E-06	1.26E-07	ND	ND
	ESFSO4	Endosulfan sulfate	5.98E-03	7.12E-06	1.88E-07	3.77E-07	3.77E-07	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FE	Iron	3.19E+01	3.79E-02	1.00E-03	2.01E-03	2.01E-03	4.53E-03	1.50E-05	1.62E-04	1.56E-05	2.27E-02	3.29E-03
	FLRENE	Fluorene	ND	ND	ND	ND	ND	2.35E+01	7.84E-02	8.44E-01	8.00E-02	ND	1.73E+01
	GCLDAN	gamma-Chlordane	1.03E-01	1.61E-04	4.26E-06	8.51E-06	8.51E-06	3.96E-05	9.72E-06	4.27E-04	4.12E-05	6.00E-02	8.67E-03
	HCBD	Hexachlorobutadiene	ND	ND	ND	ND	ND	4.86E-03	ND	1.05E-04	9.93E-06	ND	ND
	HG	Mercury	4.41E-02	5.25E-05	1.39E-06	2.78E-06	2.78E-06	4.12E-03	1.03E-05	1.13E-04	1.07E-05	5.12E-01	1.54E-01
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	1.48E-05	1.59E-04	1.51E-05	ND	ND
	HPCL	Heptachlor	2.63E-02	3.13E-05	8.29E-07	1.66E-06	1.66E-06	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-02	1.85E-05	4.90E-07	9.80E-07	9.80E-07	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	4.02E-01	1.33E-03	1.43E-02	1.36E-03	2.00E+00	2.89E-01
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-02	1.42E-05	3.77E-07	7.54E-07	7.54E-07	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.46E-03	7.69E-06	2.03E-07	4.07E-07	4.07E-07	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	6.48E-01	7.71E-04	2.04E-05	4.08E-05	4.08E-05	1.47E-01	4.91E-04	5.29E-03	5.03E-04	7.40E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	1.60E-01	5.29E-04	5.69E-03	5.49E-04	8.00E-01	1.16E-01
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	3.36E-05	3.62E-04	3.44E-05	ND	1.43E-02
	NI	Nickel	3.69E-01	4.40E-04	1.16E-05	2.33E-05	2.33E-05	1.26E-02	4.19E-05	4.51E-04	4.29E-05	5.99E-02	7.49E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	9.96E-05	3.32E-07	3.57E-06	3.40E-07	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	2.93E-01	3.49E-04	9.25E-06	1.84E-05	1.84E-05	7.23E-02	2.41E-04	2.59E-03	2.46E-04	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	4.10E-02	4.88E-05	1.29E-06	2.58E-06	2.58E-06	1.01E-02	3.36E-05	3.62E-04	3.44E-05	ND	ND

Final Hazard Quotients for the Co-located Soil Samples at ESA-1 and ESA-2 Based Upon Area Use Factors (continued)

SWMU Number	Test Name	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Fox	Plants	Soil Fauna
45 (cont.)	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	Lead		1.97E+01	4.70E-03	6.21E-04	9.96E-04	9.96E-04	2.65E+00	8.82E-03	8.82E-03	9.49E-02	9.03E-03	8.07E-01	6.58E-01
PCB016	PCB 1016		1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
PCB221	PCB 1221		1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
PCB232	PCB 1232		1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
PCB242	PCB 1242		1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
PCB248	PCB 1248		1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
PCB254	PCB 1254		8.61E-01	1.03E-03	2.71E-05	5.43E-05	5.43E-05	1.52E-02	3.86E-05	3.86E-05	4.16E-04	3.62E-05	6.00E-03	1.00E-03
PCB260	PCB 1260		8.61E-01	1.03E-03	2.71E-05	5.43E-05	5.43E-05	1.52E-02	3.86E-05	3.86E-05	4.16E-04	3.62E-05	6.00E-03	1.00E-03
PCB262	PCB 1262		5.38E+02	6.41E-01	1.70E-02	3.39E-02	3.39E-02	9.49E+00	2.41E-02	2.41E-02	2.60E-01	2.27E-02	3.75E+00	6.25E-01
PCP	Pentachlorophenol		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHANTR	Phenanthrene		ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
PHENOL	Phenol		ND	ND	ND	ND	ND	6.64E-04	2.21E-06	2.21E-06	2.38E-05	2.27E-06	ND	5.00E-02
PPDDD	ppDDD		5.14E-01	6.13E-04	1.62E-05	1.62E-05	6.48E-06	2.98E-04	7.47E-07	7.47E-07	8.03E-06	7.64E-07	ND	3.58E-04
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene		9.69E-02	1.15E-04	3.05E-06	3.05E-06	1.22E-06	5.61E-05	1.41E-07	1.41E-07	1.51E-06	1.44E-07	ND	6.75E-05
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane		4.58E-01	5.46E-04	1.44E-05	1.44E-05	5.77E-06	2.65E-04	6.65E-07	6.65E-07	7.16E-06	6.81E-07	ND	3.19E-04
PRTHN	Parathion		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PYR	Benzofluphenanthrene		ND	ND	ND	ND	ND	1.60E-02	5.29E-05	5.29E-05	5.69E-04	5.49E-05	8.00E-02	1.16E-02
RDX	RDX / Cyclonite		ND	ND	ND	ND	ND	8.09E-02	2.83E-04	2.83E-04	3.05E-03	2.90E-04	ND	ND
SB	Antimony		ND	ND	ND	ND	ND	6.82E-02	2.27E-04	2.27E-04	2.45E-03	2.33E-04	3.08E-01	ND
SE	Selenium		2.48E-01	2.95E-04	7.81E-06	1.45E-05	1.45E-05	3.98E-02	9.94E-05	9.94E-05	1.07E-03	1.02E-04	2.25E-01	3.21E-03
SUPONA	Supona		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCDD	2,3,7,8-Tetrachlorodibenzodioxin		2.67E+00	3.17E-03	8.40E-05	1.67E-04	1.67E-04	6.57E-01	2.19E-03	2.19E-03	2.35E-02	2.24E-03	ND	ND
TCDF	2,3,7,8-Tetrachlorodibenzofuran		2.95E-01	3.51E-04	9.28E-06	1.85E-05	1.85E-05	9.67E-02	2.42E-04	2.42E-04	2.60E-03	2.47E-04	ND	ND
TETRYL	Tetryl		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	Thallium		4.92E+01	5.86E-02	1.55E-03	3.88E-03	3.88E-03	5.06E+00	1.52E-02	1.52E-02	1.63E-01	1.55E-02	1.72E+01	ND
TXPHEN	Toxaphene		4.13E+00	4.91E-03	1.30E-04	2.60E-04	2.60E-04	ND	ND	ND	ND	ND	ND	ND
V	Vanadium		ND	ND	ND	ND	ND	3.72E-01	5.89E-04	5.89E-04	8.02E-03	7.48E-04	1.11E+01	ND
ZN	Zinc		9.65E+00	1.15E-02	3.04E-04	6.08E-04	6.08E-04	4.73E-01	7.56E-04	7.56E-04	1.02E-02	9.67E-04	7.26E+00	1.81E+00

*No toxicity data.

Summary Statistics for Explosives in Biota

SWMU Number	Matrix	Analyte Code	Number of Detects	Number of Samples	Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL 95	Cterm- ug/kg	Cterm- mg/kg
10	Gumweed	246TNT	0	2	0.00	6000.00	7000.00	6500.00	707.11	9657.20	7000.00	7
	Gumweed	RDX	1	2	50.00	3950.00	140000.00	71975.00	96201.88	501512.06	140000.00	140
	Rabbitbrush	246TNT	1	2	50.00	2600.00	18000.00	10300.00	10889.44	58920.88	18000.00	18
	Rabbitbrush	RDX	2	2	100.00	58000.00	940000.00	499000.00	623668.18	3283650.40	940000.00	940
11	Gumweed	246TNT	0	1	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	1	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	0	1	0.00	2600.00	2600.00	2600.00	0.00	0.00	2600.00	2.6
	Rabbitbrush	RDX	0	1	0.00	6500.00	6500.00	6500.00	0.00	0.00	6500.00	6.5
12	Rabbitbrush	246TNT	0	1	0.00	2600.00	2600.00	2600.00	0.00	0.00	2600.00	2.6
	Rabbitbrush	RDX	0	1	0.00	6500.00	6500.00	6500.00	0.00	0.00	6500.00	6.5
	Sweetclover	246TNT	1	1	100.00	270.00	270.00	270.00	0.00	0.00	270.00	0.27
	Sweetclover	RDX	0	1	0.00	200.00	200.00	200.00	0.00	0.00	200.00	0.2
15	Gumweed	246TNT	0	1	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	1	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	2	3	66.67	2400.00	7800.00	5500.00	2787.47	10199.30	7800.00	7.8
	Rabbitbrush	RDX	0	3	0.00	6000.00	6500.00	6166.67	288.68	6653.33	6500.00	6.5
	Sweetclover	246TNT	0	2	0.00	110.00	110.00	110.00	0.00	0.00	110.00	0.11
	Sweetclover	RDX	0	2	0.00	200.00	200.00	200.00	0.00	0.00	200.00	0.2
21	Gumweed	246TNT	0	2	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	2	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	1	2	50.00	2850.00	11000.00	6925.00	5762.92	32656.18	11000.00	11
	Rabbitbrush	RDX	0	2	0.00	6000.00	7000.00	6500.00	707.11	9657.20	7000.00	7
37	Ambrosia	246TNT	0	1	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Ambrosia	RDX	0	1	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	0	2	0.00	2600.00	2600.00	2600.00	0.00	0.00	2600.00	2.6
	Rabbitbrush	RDX	0	2	0.00	6500.00	6500.00	6500.00	0.00	0.00	6500.00	6.5
	Sweetclover	246TNT	0	2	0.00	110.00	110.00	110.00	0.00	0.00	110.00	0.11
	Sweetclover	RDX	0	2	0.00	200.00	200.00	200.00	0.00	0.00	200.00	0.2
42	Gumweed	246TNT	0	1	0.00	6000.00	6000.00	6000.00	0.00	0.00	6000.00	6
	Gumweed	RDX	0	1	0.00	3600.00	3600.00	3600.00	0.00	0.00	3600.00	3.6
	Rabbitbrush	246TNT	0	9	0.00	2600.00	2850.00	2822.22	83.33	2873.89	2850.00	2.85
	Rabbitbrush	RDX	0	9	0.00	6500.00	7000.00	6944.44	166.67	7047.78	7000.00	7
	Sweetclover	246TNT	0	8	0.00	105.00	110.00	109.38	1.77	110.56	110.00	0.11
	Sweetclover	RDX	0	8	0.00	195.00	205.00	201.88	3.72	204.37	205.00	0.205
45	Gumweed	246TNT	0	3	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	3	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	0	5	0.00	2400.00	2850.00	2660.00	191.70	2842.78	2850.00	2.85
	Rabbitbrush	RDX	0	5	0.00	6000.00	7000.00	6600.00	418.33	6998.86	7000.00	7
	Sweetclover	246TNT	1	3	33.33	110.00	2500.00	906.67	1379.87	3232.93	2500.00	2.5
	Sweetclover	RDX	2	3	66.67	200.00	5900.00	3300.00	2882.71	8159.85	5900.00	5.9

Summary Statistics for Explosives in Biota (continued)

SWMU Number	Matrix	Analyte Code	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL 95	Cterm- ug/kg	Cterm- mg/kg
1B	Gumweed	246TNT	0	2	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	2	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	0	2	0.00	2600.00	2850.00	2725.00	176.78	3514.30	2850.00	2.85
	Rabbitbrush	RDX	0	2	0.00	6500.00	7000.00	6750.00	353.55	8328.60	7000.00	7
1C	Gumweed	246TNT	0	2	0.00	6000.00	7000.00	6500.00	707.11	9657.20	7000.00	7
	Gumweed	RDX	0	2	0.00	3600.00	3950.00	3775.00	247.49	4880.02	3950.00	3.95
	Rabbitbrush	246TNT	0	2	0.00	2850.00	2850.00	2850.00	0.00	0.00	2850.00	2.85
	Rabbitbrush	RDX	0	2	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
RSA	Gumweed	246TNT	0	7	0.00	7000.00	7000.00	7000.00	0.00	0.00	7000.00	7
	Gumweed	RDX	0	7	0.00	3950.00	3950.00	3950.00	0.00	0.00	3950.00	3.95
	Rabbitbrush	246TNT	5	15	33.33	2600.00	30000.00	7680.00	8517.75	11552.92	11552.92	11.552921
	Rabbitbrush	RDX	0	15	0.00	6000.00	7000.00	6700.00	316.23	6843.79	7000.00	7
10 ^(a)	Sweetclover	246TNT	1	15	6.67	105.00	270.00	120.33	41.42	139.17	139.17	0.13916836
	Sweetclover	RDX	2	15	13.33	195.00	1700.00	316.00	386.99	491.96	491.96	0.491962
	Beetle	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Beetle	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
11	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
12	Beetle	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Beetle	RDX	0	0	0	0	0	0	0	0	0.00	0
	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
15	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Beetle	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Beetle	RDX	0	0	0	0	0	0	0	0	0.00	0
21	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
21	Beetle	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Beetle	RDX	0	0	0	0	0	0	0	0	0.00	0
	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064

Summary Statistics for Explosives in Biota (continued)

SWMU Number	Matrix	Analyte Code	Number of Samples	Number of Detects	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
21 (cont.)	Grasshopper	RDX	0	0	0	0	0	0	0	0	0.0064	0.0064
37	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	0.00	0
	Beetle	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Beetle	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
42	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	0.00	0
	Beetle	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Beetle	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
45	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	0.00	0
	Beetle	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Beetle	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
1B	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	0.00	0
	Beetle	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Beetle	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
1C	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	0.00	0
	Beetle	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Beetle	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
RSA	Jackrabbit	246TNT	0	0	0	0	0	0	0	0	0.00	0
	Jackrabbit	RDX	0	0	0	0	0	0	0	0	0.00	0
	Beetle	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Beetle	RDX	0	0	0	0	0	0	0	0	6.40	0.0064
	Grasshopper	246TNT	0	0	0	0	0	0	0	0	18.80	0.0188
	Grasshopper	RDX	0	0	0	0	0	0	0	0	6.40	0.0064

*Italics = Cterm value represents modeled or calculated data, or 1/2 the method detection limit.

Final Hazard Quotients for Explosives in Biota

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
10	Gumweed	246TNT	ND ^(a)	ND	ND	ND	ND	2.60E+01	2.45E-02	2.66E-01	1.13E-02	1.13E-02	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	7.44E+02	1.23E+00	1.33E+01	9.06E-01	9.06E-01	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	6.70E+01	6.30E-02	6.85E-01	2.91E-02	2.91E-02	8.57E+00	ND
11	Rabbitbrush	RDX	ND	ND	ND	ND	ND	5.00E+03	8.23E+00	8.94E+01	6.08E+00	6.08E+00	ND	ND
	Gumweed	246TNT	ND	ND	ND	ND	ND	2.60E+01	3.68E-02	4.00E-01	1.70E-02	1.70E-02	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.10E+01	5.18E-02	5.64E-01	3.83E-02	3.83E-02	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	9.67E+00	1.37E-02	1.48E-01	6.31E-03	6.31E-03	1.24E+00	ND
12	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.45E+01	8.53E-02	9.28E-01	6.31E-02	6.31E-02	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	9.67E+00	6.83E-02	7.42E-01	3.15E-02	3.15E-02	1.24E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.45E+01	4.27E-01	4.64E+00	3.15E-01	3.15E-01	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	1.00E+00	7.09E-03	7.71E-02	3.28E-03	3.28E-03	1.29E-01	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	1.06E+00	1.31E-02	1.43E-01	9.71E-03	9.71E-03	ND	ND
15	Gumweed	246TNT	ND	ND	ND	ND	ND	2.60E+01	6.13E-01	6.66E+00	2.83E-01	2.83E-01	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.10E+01	8.64E-01	9.40E+00	6.39E-01	6.39E-01	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	2.90E+01	6.83E-01	7.42E+00	3.15E-01	3.15E-01	3.71E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.45E+01	1.42E+00	1.55E+01	1.05E+00	1.05E+00	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	4.09E-01	9.63E-03	1.05E-01	4.45E-03	4.45E-03	5.24E-02	ND
21	Sweetclover	RDX	ND	ND	ND	ND	ND	1.06E+00	4.38E-02	4.76E-01	3.24E-02	3.24E-02	ND	ND
	Gumweed	246TNT	ND	ND	ND	ND	ND	6.20E+00	1.53E-03	1.67E-02	7.08E-04	7.08E-04	3.33E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	5.00E+00	2.16E-03	2.35E-02	1.60E-03	1.60E-03	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	9.74E+00	2.41E-03	2.62E-02	1.11E-03	1.11E-03	5.24E+00	ND
37	Rabbitbrush	RDX	ND	ND	ND	ND	ND	8.86E+00	3.83E-03	4.16E-02	2.83E-03	2.83E-03	ND	ND
	Ambrosia	246TNT	ND	ND	ND	ND	ND	2.60E+01	8.58E-03	9.32E-02	3.96E-03	3.96E-03	3.33E+00	ND
	Ambrosia	RDX	ND	ND	ND	ND	ND	2.10E+01	1.21E-02	1.32E-01	8.95E-03	8.95E-03	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	9.67E+00	3.19E-03	3.46E-02	1.47E-03	1.47E-03	1.24E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.45E+01	1.99E-02	2.16E-01	1.47E-02	1.47E-02	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	4.09E-01	1.35E-04	1.47E-03	6.23E-05	6.23E-05	5.24E-02	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	1.06E+00	6.13E-04	6.66E-03	4.53E-04	4.53E-04	ND	ND
42	Gumweed	246TNT	ND	ND	ND	ND	ND	2.23E+01	3.78E-01	4.11E+00	1.75E-01	1.75E-01	2.86E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	1.91E+01	5.67E-01	6.17E+00	4.19E-01	4.19E-01	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	1.06E+01	1.80E-01	1.95E+00	8.30E-02	8.30E-02	1.36E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.72E+01	1.10E+00	1.20E+01	8.15E-01	8.15E-01	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	4.09E-01	6.93E-03	7.54E-02	3.20E-03	3.20E-03	5.24E-02	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	1.09E+00	3.23E-02	3.51E-01	2.39E-02	2.39E-02	ND	ND
45	Gumweed	246TNT	ND	ND	ND	ND	ND	2.60E+01	6.13E-02	6.66E-01	2.83E-02	2.83E-02	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.10E+01	8.64E-02	9.40E-01	6.39E-02	6.39E-02	ND	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	1.06E+01	2.49E-02	2.71E-01	1.15E-02	1.15E-02	1.36E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	3.72E+01	1.53E-01	1.67E+00	1.13E-01	1.13E-01	ND	ND
	Sweetclover	246TNT	ND	ND	ND	ND	ND	9.30E+00	2.19E-02	2.38E-01	1.01E-02	1.01E-02	1.19E+00	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	3.14E+01	1.29E-01	1.40E+00	9.55E-02	9.55E-02	ND	ND
1B	Gumweed	246TNT	ND	ND	ND	ND	ND	2.48E+01	6.13E-03	6.66E-02	2.83E-03	2.83E-03	3.33E+00	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	2.00E+01	8.64E-03	9.40E-02	6.39E-03	6.39E-03	ND	ND

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Final Hazard Quotients for Explosives in Biota (continued)

SWMU	Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
1B (cont.)	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	ND	1.01E+01	2.49E-03	2.71E-02	1.15E-03	1.36E+00	ND
1C	Rabbitbrush	RDX	ND	ND	ND	ND	ND	ND	3.54E+01	1.53E-02	1.67E-01	1.13E-02	ND	ND
	Gumweed	246TNT	ND	ND	ND	ND	ND	ND	2.60E+01	2.45E-01	2.66E+00	1.13E-01	3.33E+00	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	ND	2.10E+01	3.46E-01	3.76E+00	2.56E-01	ND	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	ND	1.06E+01	9.98E-02	1.08E+00	4.61E-02	1.36E+00	ND
RSA	Gumweed	246TNT	ND	ND	ND	ND	ND	ND	3.72E+01	6.13E-01	6.66E+00	4.53E-01	ND	ND
	Gumweed	RDX	ND	ND	ND	ND	ND	ND	2.60E+01	2.43E+00	6.86E+00	1.38E+01	3.33E+00	ND
	Rabbitbrush	246TNT	ND	ND	ND	ND	ND	ND	2.10E+01	3.46E+00	9.68E+00	3.12E+01	ND	ND
	Rabbitbrush	RDX	ND	ND	ND	ND	ND	ND	4.30E+01	4.04E+00	1.13E+01	2.28E+01	5.50E+00	ND
10 ^(b)	Sweetclover	246TNT	ND	ND	ND	ND	ND	ND	3.72E+01	6.13E+00	1.72E+01	5.53E+01	ND	ND
	Sweetclover	RDX	ND	ND	ND	ND	ND	ND	5.18E-01	4.87E-02	1.36E-01	2.75E-01	6.63E-02	ND
	Beetle	246TNT	ND	ND	ND	ND	ND	ND	2.61E+00	4.30E-01	1.21E+00	3.89E+00	ND	ND
	Beetle	RDX	ND	ND	ND	ND	ND	ND	6.99E-02	6.58E-05	7.15E-04	3.04E-05	8.95E-03	ND
11	Grasshopper	246TNT	ND	ND	ND	ND	ND	ND	3.40E-02	5.60E-05	6.09E-04	4.14E-05	ND	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	ND	6.99E-02	6.58E-05	7.15E-04	3.04E-05	8.95E-03	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	ND	3.40E-02	5.60E-05	6.09E-04	4.14E-05	ND	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
12	Beetle	246TNT	ND	ND	ND	ND	ND	ND	6.99E-02	9.87E-05	1.07E-03	4.56E-05	8.95E-03	ND
	Beetle	RDX	ND	ND	ND	ND	ND	ND	3.40E-02	8.40E-05	9.13E-04	6.21E-05	ND	ND
	Grasshopper	246TNT	ND	ND	ND	ND	ND	ND	6.99E-02	9.87E-05	1.07E-03	4.56E-05	8.95E-03	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	ND	3.40E-02	8.40E-05	9.13E-04	6.21E-05	ND	ND
15	Jackrabbit	246TNT	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Beetle	246TNT	ND	ND	ND	ND	ND	ND	6.99E-02	4.94E-04	5.37E-03	2.28E-04	8.95E-03	ND
	Beetle	RDX	ND	ND	ND	ND	ND	ND	3.40E-02	4.94E-04	5.37E-03	3.11E-04	8.95E-03	ND
15	Grasshopper	246TNT	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	ND	6.99E-02	1.65E-03	1.79E-02	7.60E-04	8.95E-03	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	ND	3.40E-02	1.40E-03	1.52E-02	1.04E-03	ND	ND
21	Grasshopper	246TNT	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	ND	1.67E-02	4.11E-06	4.47E-05	1.90E-06	8.95E-03	ND
21	Beetle	246TNT	ND	ND	ND	ND	ND	ND	8.10E-03	3.50E-06	3.81E-05	2.59E-06	ND	ND
	Beetle	RDX	ND	ND	ND	ND	ND	ND	1.67E-02	4.11E-06	4.47E-05	1.90E-06	8.95E-03	ND
	Grasshopper	246TNT	ND	ND	ND	ND	ND	ND	8.10E-03	3.50E-06	3.81E-05	2.59E-06	ND	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
21	Jackrabbit	246TNT	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Beetle	246TNT	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Beetle	RDX	ND	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND

Final Hazard Quotients for Explosives in Biota (continued)

SWMU	Matrix	Analyte	Passerines	American	Great	Golden	Bald Eagle	Deer	Mule	Jackrabbit	Kit	Plants	Soil
Number				Kestrel	Horned Owl	Eagle		Mouse	Deer		Fox		Fauna
37	Beetle	246TNT	ND	ND	ND	ND	ND	6.99E-02	2.30E-05	2.50E-04	1.06E-05	8.95E-03	ND
	Beetle	RDX	ND	ND	ND	ND	ND	3.40E-02	1.96E-05	2.13E-04	1.45E-05	ND	ND
	Grasshopper	246TNT	ND	ND	ND	ND	ND	6.99E-02	2.30E-05	2.50E-04	1.45E-05	8.95E-03	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	3.40E-02	1.96E-05	2.13E-04	1.45E-05	ND	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
42	Beetle	246TNT	ND	ND	ND	ND	ND	6.99E-02	1.18E-03	1.29E-02	5.47E-04	8.95E-03	ND
	Beetle	RDX	ND	ND	ND	ND	ND	3.40E-02	1.01E-03	1.10E-02	7.46E-04	ND	ND
	Grasshopper	246TNT	ND	ND	ND	ND	ND	6.99E-02	1.18E-03	1.29E-02	5.47E-04	8.95E-03	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	3.40E-02	1.01E-03	1.10E-02	7.46E-04	ND	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
45	Beetle	246TNT	ND	ND	ND	ND	ND	6.99E-02	1.65E-04	1.79E-03	7.60E-05	8.95E-03	ND
	Beetle	RDX	ND	ND	ND	ND	ND	3.40E-02	1.40E-04	1.52E-03	1.04E-04	ND	ND
	Grasshopper	246TNT	ND	ND	ND	ND	ND	6.99E-02	1.65E-04	1.79E-03	7.60E-05	8.95E-03	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	3.40E-02	1.40E-04	1.52E-03	1.04E-04	ND	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
1B	Beetle	246TNT	ND	ND	ND	ND	ND	6.66E-02	1.65E-05	1.79E-04	7.60E-06	8.95E-03	ND
	Beetle	RDX	ND	ND	ND	ND	ND	3.24E-02	1.40E-05	1.52E-04	1.04E-05	ND	ND
	Grasshopper	246TNT	ND	ND	ND	ND	ND	6.66E-02	1.65E-05	1.79E-04	7.60E-06	8.95E-03	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	3.24E-02	1.40E-05	1.52E-04	1.04E-05	ND	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
1C	Beetle	246TNT	ND	ND	ND	ND	ND	6.99E-02	6.58E-04	7.15E-03	3.04E-04	8.95E-03	ND
	Beetle	RDX	ND	ND	ND	ND	ND	3.40E-02	5.60E-04	6.09E-03	4.14E-04	ND	ND
	Grasshopper	246TNT	ND	ND	ND	ND	ND	6.99E-02	6.58E-04	7.15E-03	3.04E-04	8.95E-03	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	3.40E-02	5.60E-04	6.09E-03	4.14E-04	ND	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
1D	Beetle	246TNT	ND	ND	ND	ND	ND	6.99E-02	6.58E-03	1.84E-02	3.71E-02	8.95E-03	ND
	Beetle	RDX	ND	ND	ND	ND	ND	3.40E-02	5.60E-03	1.57E-02	5.06E-02	ND	ND
	Grasshopper	246TNT	ND	ND	ND	ND	ND	6.99E-02	6.58E-03	1.84E-02	3.71E-02	8.95E-03	ND
	Grasshopper	RDX	ND	ND	ND	ND	ND	3.40E-02	5.60E-03	1.57E-02	5.06E-02	ND	ND
	Jackrabbit	246TNT	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	RDX	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND

*No toxicity data.

^bItalics = Hazard quotients represent modeled or calculated data, or are based on 1/2 the method detection limit.

Summary Statistics for Herbicides in Biota

SWMU Number	Matrix	Analyte Code	Detects	Sample	Detection %	Minimum (ug/kg)	Maximum (ug/kg)	Mean (ug/kg)	Standard Deviation	UCL 95	Cterm (ug/kg)	Cterm (mg/kg)
10	Gumweed	2,4-D	0	2	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
11	Gumweed	2,4-D	0	1	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	1	0	750	750	750	0	0	750	0.75
12	Rabbitbrush	2,4-D	0	1	0	750	750	750	0	0	750	0.75
	Sweetclover	2,4-D	0	1	0	650	650	650	0	0	650	0.65
15	Gumweed	2,4-D	0	1	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	3	0	750	750	750	0	0	750	0.75
21	Sweetclover	2,4-D	0	2	0	650	650	650	0	0	650	0.65
	Gumweed	2,4-D	0	2	0	1100	1100	1100	0	0	1100	1.1
37	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
	Ambrosia	2,4-D	0	1	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
42	Sweetclover	2,4-D	0	2	0	650	650	650	0	0	650	0.65
	Gumweed	2,4-D	0	1	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	9	0	750	750	750	0	0	750	0.75
	Sweetclover	2,4-D	0	8	0	650	650	650	0	0	650	0.65
45	Gumweed	2,4-D	0	3	0	1100	1100	1100	0	0	1100	1.1
	Jackrabbit	2,4-D	0	15	0	600	600	600	0	0	600	0.6
	Rabbitbrush	2,4-D	2	5	40	750	2000	1250	685	1903	1903	1.902789016
	Sweetclover	2,4-D	0	3	0	650	650	650	0	0	650	0.65
1B	Gumweed	2,4-D	0	2	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
1C	Gumweed	2,4-D	0	2	0	1100	1100	1100	0	0	1100	1.1
	Rabbitbrush	2,4-D	0	2	0	750	750	750	0	0	750	0.75
RSA	Gumweed	2,4-D	0	7	0	1100	1100	1100	0	0	1100	1.1
	Jackrabbit	2,4-D	0	15	0	600	600	600	0	0	600	0.6
	Rabbitbrush	2,4-D	0	15	0	750	750	750	0	0	750	0.75
10 ^(b)	Sweetclover	2,4-D	1	15	7	650	14000	1540	3447	3107	3107	3.10729
	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
11	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
12	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
15	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085

Summary Statistics for Herbicides in Biota (continued)

SWMU Number	Matrix	Analyte Code	Detects	Sample	Detection %	Minimum (ug/kg)	Maximum (ug/kg)	Mean (ug/kg)	Standard Deviation	UCL	Cterm (ug/kg)	Cterm (mg/kg)
21	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
37	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
42	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
45	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
1B	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
1C	Jackrabbit	2,4-D	0	0	0	0	0	0	0	0	600	0.6
	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085
RSA	Beetle	2,4-D	0	0	0	0	0	0	0	0	85	0.085
	Grasshopper	2,4-D	0	0	0	0	0	0	0	0	85	0.085

^a2,4-dichlorophenoxyacetic acid.

^bItalics = Cterm value represents modeled or calculated data, or 1/2 the method detection limit.

Final Hazard Quotients for Herbicides in Biota

SWMU Number	Matrix	Analyte	American				Bald Eagle	Golden Eagle	Deer Mouse	Mule		Kit		
			Passerines	Kestrel	Horned Owl	Great				Deer	Jackrabbit	Fox	Plants	Soil Fauna
10	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	2.05E+00	1.93E-03	2.09E-02	8.37E-04	ND	ND
11	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.40E+00	1.31E-03	1.43E-02	5.71E-04	ND	ND
	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	2.05E+00	2.89E-03	3.14E-02	1.26E-03	ND	ND
12	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.40E+00	1.97E-03	2.14E-02	8.57E-04	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.40E+00	9.84E-03	1.07E-01	4.28E-03	ND	ND
15	Sweetclover	2,4-D	ND	ND	ND	ND	ND	ND	1.21E+00	8.53E-03	9.28E-02	3.71E-03	ND	ND
	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	2.05E+00	4.81E-02	5.23E-01	2.09E-02	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.40E+00	3.28E-02	3.57E-01	1.43E-02	ND	ND
21	Sweetclover	2,4-D	ND	ND	ND	ND	ND	ND	1.21E+00	2.84E-02	3.09E-01	1.24E-02	ND	ND
	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	4.87E-01	1.20E-04	1.31E-03	5.23E-05	ND	ND
37	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	3.32E-01	8.20E-05	8.92E-04	3.57E-05	ND	ND
	Ambrosia	2,4-D	ND	ND	ND	ND	ND	ND	2.05E+00	6.74E-04	7.33E-03	2.93E-04	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.40E+00	4.59E-04	5.00E-03	2.00E-04	ND	ND
42	Sweetclover	2,4-D	ND	ND	ND	ND	ND	ND	1.21E+00	3.98E-04	4.33E-03	1.73E-04	ND	ND
	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	2.05E+00	3.47E-02	3.77E-01	1.51E-02	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.40E+00	2.36E-02	2.57E-01	1.03E-02	ND	ND
45	Sweetclover	2,4-D	ND	ND	ND	ND	ND	ND	1.21E+00	2.05E-02	2.23E-01	8.91E-03	ND	ND
	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	2.05E+00	4.81E-03	5.23E-02	2.09E-03	ND	ND
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	ND	1.12E+00	2.63E-03	2.85E-02	1.14E-03	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	3.54E+00	8.32E-03	9.05E-02	3.62E-03	ND	ND
1B	Sweetclover	2,4-D	ND	ND	ND	ND	ND	ND	1.21E+00	2.84E-03	3.09E-02	1.24E-03	ND	ND
	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	1.95E+00	4.81E-04	5.23E-03	2.09E-04	ND	ND
1C	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.33E+00	3.28E-04	3.57E-03	1.43E-04	ND	ND
	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	2.05E+00	1.93E-02	2.09E-01	8.37E-03	ND	ND
RSA	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.40E+00	1.31E-02	1.43E-01	5.71E-03	ND	ND
	Gumweed	2,4-D	ND	ND	ND	ND	ND	ND	2.05E+00	1.93E-01	5.39E-01	1.02E+00	ND	ND
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	ND	1.12E+00	1.05E-01	2.94E-01	5.58E-01	ND	ND
	Rabbitbrush	2,4-D	ND	ND	ND	ND	ND	ND	1.40E+00	1.31E-01	3.68E-01	6.97E-01	ND	ND
	Sweetclover	2,4-D	ND	ND	ND	ND	ND	ND	5.78E+00	5.44E-01	1.52E+00	2.89E+00	ND	ND
10 ^(b)	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	ND	1.12E+00	1.05E-03	1.14E-02	4.57E-04	ND	ND
	Beetle	2,4-D	ND	ND	ND	ND	ND	ND	1.58E-01	1.49E-04	1.62E-03	6.47E-05	ND	ND
11	Grasshopper	2,4-D	ND	ND	ND	ND	ND	ND	1.58E-01	1.49E-04	1.62E-03	6.47E-05	ND	ND
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	ND	1.12E+00	1.58E-03	1.71E-02	6.85E-04	ND	ND
	Beetle	2,4-D	ND	ND	ND	ND	ND	ND	1.58E-01	2.23E-04	2.43E-03	9.71E-05	ND	ND
12	Grasshopper	2,4-D	ND	ND	ND	ND	ND	ND	1.58E-01	2.23E-04	2.43E-03	9.71E-05	ND	ND
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	ND	1.12E+00	7.88E-03	8.56E-02	3.43E-03	ND	ND
	Beetle	2,4-D	ND	ND	ND	ND	ND	ND	1.58E-01	1.12E-03	1.21E-02	4.85E-04	ND	ND
15	Grasshopper	2,4-D	ND	ND	ND	ND	ND	ND	1.58E-01	1.12E-03	1.21E-02	4.85E-04	ND	ND
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	ND	1.12E+00	2.63E-02	2.85E-01	1.14E-02	ND	ND
	Beetle	2,4-D	ND	ND	ND	ND	ND	ND	1.58E-01	3.72E-03	4.04E-02	1.62E-03	ND	ND
	Grasshopper	2,4-D	ND	ND	ND	ND	ND	ND	1.58E-01	3.72E-03	4.04E-02	1.62E-03	ND	ND

Final Hazard Quotients for Herbicides in Biota (continued)

SWMU																	
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Kit	Plants	Soil Fauna			
21	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	2.66E-01	6.56E-05	7.14E-04	2.86E-05		ND	ND			
	Beetle	2,4-D	ND	ND	ND	ND	ND	3.76E-02	9.30E-06	1.01E-04	4.04E-06		ND	ND			
	Grasshopper	2,4-D	ND	ND	ND	ND	ND	3.76E-02	9.30E-06	1.01E-04	4.04E-06		ND	ND			
37	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	1.12E+00	3.68E-04	4.00E-03	1.60E-04		ND	ND			
	Beetle	2,4-D	ND	ND	ND	ND	ND	1.58E-01	5.21E-05	5.66E-04	2.27E-05		ND	ND			
	Grasshopper	2,4-D	ND	ND	ND	ND	ND	1.58E-01	5.21E-05	5.66E-04	2.27E-05		ND	ND			
42	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	1.12E+00	1.89E-02	2.06E-01	8.22E-03		ND	ND			
	Beetle	2,4-D	ND	ND	ND	ND	ND	1.58E-01	2.68E-03	2.91E-02	1.16E-03		ND	ND			
	Grasshopper	2,4-D	ND	ND	ND	ND	ND	1.58E-01	2.68E-03	2.91E-02	1.16E-03		ND	ND			
45	Beetle	2,4-D	ND	ND	ND	ND	ND	1.58E-01	3.72E-04	4.04E-03	1.62E-04		ND	ND			
	Grasshopper	2,4-D	ND	ND	ND	ND	ND	1.58E-01	3.72E-04	4.04E-03	1.62E-04		ND	ND			
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	1.58E-01	3.72E-04	4.04E-03	1.62E-04		ND	ND			
1B	Beetle	2,4-D	ND	ND	ND	ND	ND	1.06E+00	2.63E-04	2.85E-03	1.14E-04		ND	ND			
	Grasshopper	2,4-D	ND	ND	ND	ND	ND	1.51E-01	3.72E-05	4.04E-04	1.62E-05		ND	ND			
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	1.51E-01	3.72E-05	4.04E-04	1.62E-05		ND	ND			
1C	Beetle	2,4-D	ND	ND	ND	ND	ND	1.12E+00	1.05E-02	1.14E-01	4.57E-03		ND	ND			
	Grasshopper	2,4-D	ND	ND	ND	ND	ND	1.58E-01	1.49E-03	1.62E-02	6.47E-04		ND	ND			
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	1.58E-01	1.49E-03	1.62E-02	6.47E-04		ND	ND			
RSA	Beetle	2,4-D	ND	ND	ND	ND	ND	1.58E-01	1.49E-02	4.17E-02	7.90E-02		ND	ND			
	Grasshopper	2,4-D	ND	ND	ND	ND	ND	1.58E-01	1.49E-02	4.17E-02	7.90E-02		ND	ND			
	Jackrabbit	2,4-D	ND	ND	ND	ND	ND	1.58E-01	1.49E-02	4.17E-02	7.90E-02		ND	ND			

↳ 4-dichlorophenoxyacetic acid

^b2,4-dichlorophenoxyacetic acid.

^cItalics indicate that the hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Summary Statistics for Metals in Biota

SWMU Number	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
10	Gumweed	AG	0	2	0	7.89E-02	7.90E-02	7.89E-02	1.06E-04	7.94E-02	7.90E-02
	Gumweed	AL	2	2	100	8.76E+01	1.54E+02	1.21E+02	4.70E+01	3.30E+02	1.54E+02
	Gumweed	AS	0	2	0	3.15E-01	3.15E-01	3.15E-01	0.00E+00	NA ^(a)	3.15E-01
	Gumweed	BA	2	2	100	8.10E+00	1.11E+01	9.60E+00	2.12E+00	1.91E+01	1.11E+01
	Gumweed	BE	0	2	0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	NA	3.00E-03
	Gumweed	CD	0	2	0	2.05E-01	2.05E-01	2.05E-01	0.00E+00	NA	2.05E-01
	Gumweed	CO	2	2	100	8.00E-02	1.00E-01	9.00E-02	1.41E-02	1.53E-01	1.00E-01
	Gumweed	CR	2	2	100	2.60E-01	3.30E-01	2.95E-01	4.95E-02	5.16E-01	3.30E-01
	Gumweed	CU	2	2	100	7.20E+00	8.00E+00	7.60E+00	5.66E-01	1.01E+01	8.00E+00
	Gumweed	FE	2	2	100	9.44E+01	1.49E+02	1.22E+02	3.86E+01	2.94E+02	1.49E+02
	Gumweed	HG	0	2	0	9.75E-03	1.00E-02	9.88E-03	1.77E-04	1.07E-02	1.00E-02
	Gumweed	MN	2	2	100	1.74E+01	2.30E+01	2.02E+01	3.96E+00	3.79E+01	2.30E+01
	Gumweed	NI	2	2	100	4.40E-01	4.50E-01	4.45E-01	7.07E-03	4.77E-01	4.50E-01
	Gumweed	PB	2	2	100	4.00E-01	1.00E+00	7.00E-01	4.24E-01	2.59E+00	1.00E+00
	Gumweed	SB	0	2	0	1.60E-01	1.65E-01	1.63E-01	3.39E-03	1.78E-01	1.65E-01
	Gumweed	SE	0	2	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	NA	2.85E-01
	Gumweed	V	1	2	50	5.39E-02	1.90E-01	1.22E-01	9.62E-02	5.52E-01	1.90E-01
	Gumweed	ZN	2	2	100	2.18E+01	2.40E+01	2.29E+01	1.56E+00	2.98E+01	2.40E+01
	Rabbitbrush	AG	0	2	0	8.02E-02	8.05E-02	8.04E-02	2.12E-04	8.13E-02	8.05E-02
	Rabbitbrush	AL	2	2	100	1.30E+02	1.40E+02	1.35E+02	7.07E+00	1.67E+02	1.40E+02
	Rabbitbrush	AS	2	2	100	4.10E-01	4.80E-01	4.45E-01	4.95E-02	6.66E-01	4.80E-01
	Rabbitbrush	BA	2	2	100	4.70E+00	6.20E+00	5.45E+00	1.06E+00	1.02E+01	6.20E+00
	Rabbitbrush	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Rabbitbrush	CD	1	2	50	5.10E-02	1.10E-01	8.05E-02	4.18E-02	2.67E-01	1.10E-01
	Rabbitbrush	CO	0	2	0	4.75E-02	4.77E-02	4.76E-02	1.41E-04	4.82E-02	4.77E-02
	Rabbitbrush	CR	2	2	100	3.00E-01	3.10E-01	3.05E-01	7.07E-03	3.37E-01	3.10E-01
	Rabbitbrush	CU	2	2	100	7.00E+00	9.80E+00	8.40E+00	1.98E+00	1.72E+01	9.80E+00
	Rabbitbrush	FE	2	2	100	1.34E+02	1.36E+02	1.35E+02	1.41E+00	1.41E+02	1.36E+02
	Rabbitbrush	HG	2	2	100	1.00E-02	2.00E-02	1.50E-02	7.07E-03	4.66E-02	2.00E-02
	Rabbitbrush	MN	2	2	100	1.94E+01	2.11E+01	2.03E+01	1.20E+00	2.56E+01	2.11E+01
	Rabbitbrush	NI	2	2	100	3.90E-01	7.10E-01	5.50E-01	2.26E-01	1.56E+00	7.10E-01
	Rabbitbrush	PB	2	2	100	5.60E-01	1.70E+00	1.13E+00	8.06E-01	4.73E+00	1.70E+00
	Rabbitbrush	SB	0	2	0	2.45E-01	2.55E-01	2.50E-01	6.68E-03	2.80E-01	2.55E-01
	Rabbitbrush	SE	0	2	0	2.06E-01	2.08E-01	2.07E-01	1.38E-03	2.14E-01	2.08E-01
	Rabbitbrush	V	2	2	100	1.40E-01	2.20E-01	1.80E-01	5.66E-02	4.33E-01	2.20E-01
	Rabbitbrush	ZN	2	2	100	2.32E+01	2.32E+01	2.32E+01	0.00E+00	NA	2.32E+01
11	Gumweed	AG	0	1	0	7.89E-02	7.89E-02	7.89E-02	NA	NA	7.89E-02
	Gumweed	AL	1	1	100	1.49E+02	1.49E+02	1.49E+02	NA	NA	1.49E+02
	Gumweed	AS	0	1	0	3.09E-01	3.09E-01	3.09E-01	NA	NA	3.09E-01
	Gumweed	BA	1	1	100	1.16E+01	1.16E+01	1.16E+01	NA	NA	1.16E+01
	Gumweed	BE	0	1	0	3.00E-03	3.00E-03	3.00E-03	NA	NA	3.00E-03

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Defects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
11 (cont.)	Gumweed	CD	0	1	0	2.01E-01	2.01E-01	2.01E-01	NA	NA	2.01E-01
	Gumweed	CO	0	1	0	3.89E-02	3.89E-02	3.89E-02	NA	NA	3.89E-02
	Gumweed	CR	1	1	100	3.10E-01	3.10E-01	3.10E-01	NA	NA	3.10E-01
	Gumweed	CU	1	1	100	9.50E+00	9.50E+00	9.50E+00	NA	NA	9.50E+00
	Gumweed	FE	1	1	100	1.22E+02	1.22E+02	1.22E+02	NA	NA	1.22E+02
	Gumweed	HG	0	1	0	9.80E-03	9.80E-03	9.80E-03	NA	NA	9.80E-03
	Gumweed	MN	1	1	100	1.83E+01	1.83E+01	1.83E+01	NA	NA	1.83E+01
	Gumweed	NI	1	1	100	5.60E-01	5.60E-01	5.60E-01	NA	NA	5.60E-01
	Gumweed	PB	1	1	100	1.40E+00	1.40E+00	1.40E+00	NA	NA	1.40E+00
	Gumweed	SB	0	1	0	1.65E-01	1.65E-01	1.65E-01	NA	NA	1.65E-01
	Gumweed	SE	0	1	0	2.79E-01	2.79E-01	2.79E-01	NA	NA	2.79E-01
	Gumweed	V	0	1	0	5.39E-02	5.39E-02	5.39E-02	NA	NA	5.39E-02
	Gumweed	ZN	0	1	100	2.13E+01	2.13E+01	2.13E+01	NA	NA	2.13E+01
	Rabbitbrush	AG	0	1	0	8.07E-02	8.07E-02	8.07E-02	NA	NA	8.07E-02
	Rabbitbrush	AL	1	1	100	2.15E+01	2.15E+01	2.15E+01	NA	NA	2.15E+01
	Rabbitbrush	AS	1	1	100	3.60E-01	3.60E-01	3.60E-01	NA	NA	3.60E-01
	Rabbitbrush	BA	1	1	100	5.20E+00	5.20E+00	5.20E+00	NA	NA	5.20E+00
	Rabbitbrush	BE	0	1	0	3.00E-03	3.00E-03	3.00E-03	NA	NA	3.00E-03
	Rabbitbrush	CD	0	1	0	5.19E-02	5.19E-02	5.19E-02	NA	NA	5.19E-02
	Rabbitbrush	CO	0	1	0	4.78E-02	4.78E-02	4.78E-02	NA	NA	4.78E-02
	Rabbitbrush	CR	1	1	100	1.60E-01	1.60E-01	1.60E-01	NA	NA	1.60E-01
	Rabbitbrush	CU	1	1	100	4.40E+00	4.40E+00	4.40E+00	NA	NA	4.40E+00
	Rabbitbrush	FE	1	1	100	2.72E+01	2.72E+01	2.72E+01	NA	NA	2.72E+01
	Rabbitbrush	HG	1	1	100	1.00E-02	1.00E-02	1.00E-02	NA	NA	1.00E-02
	Rabbitbrush	MN	1	1	100	8.30E+00	8.30E+00	8.30E+00	NA	NA	8.30E+00
	Rabbitbrush	NI	1	1	100	6.90E-01	6.90E-01	6.90E-01	NA	NA	6.90E-01
	Rabbitbrush	PB	1	1	100	7.70E-01	7.70E-01	7.70E-01	NA	NA	7.70E-01
	Rabbitbrush	SB	0	1	0	2.57E-01	2.57E-01	2.57E-01	NA	NA	2.57E-01
	Rabbitbrush	SE	0	1	0	2.12E-01	2.12E-01	2.12E-01	NA	NA	2.12E-01
	Rabbitbrush	V	0	1	0	3.98E-02	3.98E-02	3.98E-02	NA	NA	3.98E-02
	Rabbitbrush	ZN	1	1	100	1.10E+01	1.10E+01	1.10E+01	NA	NA	1.10E+01
	Rabbitbrush	AG	0	1	0	8.02E-02	8.02E-02	8.02E-02	NA	NA	8.02E-02
	Rabbitbrush	AL	1	1	100	5.24E+01	5.24E+01	5.24E+01	NA	NA	5.24E+01
	Rabbitbrush	AS	1	1	100	3.30E-01	3.30E-01	3.30E-01	NA	NA	3.30E-01
	Rabbitbrush	BA	1	1	100	3.90E+00	3.90E+00	3.90E+00	NA	NA	3.90E+00
	Rabbitbrush	BE	0	1	0	2.95E-03	2.95E-03	2.95E-03	NA	NA	2.95E-03
	Rabbitbrush	CD	1	1	100	1.30E-01	1.30E-01	1.30E-01	NA	NA	1.30E-01
	Rabbitbrush	CO	0	1	0	4.75E-02	4.75E-02	4.75E-02	NA	NA	4.75E-02
	Rabbitbrush	CR	1	1	100	1.90E-01	1.90E-01	1.90E-01	NA	NA	1.90E-01
	Rabbitbrush	CU	1	1	100	9.00E+00	9.00E+00	9.00E+00	NA	NA	9.00E+00
	Rabbitbrush	FE	1	1	100	6.96E+01	6.96E+01	6.96E+01	NA	NA	6.96E+01

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Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number		% Defects	Minimum	Maximum	Average	Standard Deviation		UCL 95	Cterm- µg/g
			of Defects	of Samples								
12 (cont.)	Rabbitbrush	HG	0	1	0	4.95E-03	4.95E-03	4.95E-03	NA	NA	NA	4.95E-03
	Rabbitbrush	MN	1	1	100	1.28E-01	1.28E+01	1.28E+01	NA	NA	NA	1.28E+01
	Rabbitbrush	NI	1	1	100	8.70E-01	8.70E-01	8.70E-01	NA	NA	NA	8.70E-01
	Rabbitbrush	PB	1	1	100	2.10E+00	2.10E+00	2.10E+00	NA	NA	NA	2.10E+00
	Rabbitbrush	SB	0	1	0	2.62E-01	2.62E-01	2.62E-01	NA	NA	NA	2.62E-01
	Rabbitbrush	SE	0	1	0	2.18E-01	2.18E-01	2.18E-01	NA	NA	NA	2.18E-01
	Rabbitbrush	V	1	1	100	1.10E-01	1.10E-01	1.10E-01	NA	NA	NA	1.10E-01
	Rabbitbrush	ZN	1	1	100	4.01E+01	4.01E+01	4.01E+01	NA	NA	NA	4.01E+01
	Sweetclover	AG	0	1	0	3.58E-02	3.58E-02	3.58E-02	NA	NA	NA	3.58E-02
	Sweetclover	AL	0	1	0	5.62E+00	5.62E+00	5.62E+00	NA	NA	NA	5.62E+00
	Sweetclover	AS	1	1	100	5.40E-01	5.40E-01	5.40E-01	NA	NA	NA	5.40E-01
	Sweetclover	BA	1	1	100	8.10E+00	8.10E+00	8.10E+00	NA	NA	NA	8.10E+00
	Sweetclover	BE	0	1	0	2.00E-03	2.00E-03	2.00E-03	NA	NA	NA	2.00E-03
	Sweetclover	CD	0	1	0	6.44E-02	6.44E-02	6.44E-02	NA	NA	NA	6.44E-02
	Sweetclover	CO	1	1	100	1.00E-01	1.00E-01	1.00E-01	NA	NA	NA	1.00E-01
	Sweetclover	CR	1	1	100	1.60E-01	1.60E-01	1.60E-01	NA	NA	NA	1.60E-01
	Sweetclover	CU	1	1	100	2.40E+00	2.40E+00	2.40E+00	NA	NA	NA	2.40E+00
	Sweetclover	FE	1	1	100	1.46E+01	1.46E+01	1.46E+01	NA	NA	NA	1.46E+01
	Sweetclover	HG	1	1	100	1.00E-02	1.00E-02	1.00E-02	NA	NA	NA	1.00E-02
	Sweetclover	MN	1	1	100	1.11E+01	1.11E+01	1.11E+01	NA	NA	NA	1.11E+01
	Sweetclover	NI	1	1	100	1.10E+00	1.10E+00	1.10E+00	NA	NA	NA	1.10E+00
	Sweetclover	PB	1	1	100	5.80E-01	5.80E-01	5.80E-01	NA	NA	NA	5.80E-01
	Sweetclover	SB	0	1	0	4.76E-01	4.76E-01	4.76E-01	NA	NA	NA	4.76E-01
	Sweetclover	SE	0	1	0	3.02E-01	3.02E-01	3.02E-01	NA	NA	NA	3.02E-01
	Sweetclover	V	0	1	0	6.17E-02	6.17E-02	6.17E-02	NA	NA	NA	6.17E-02
	Sweetclover	ZN	1	1	100	2.30E+00	2.30E+00	2.30E+00	NA	NA	NA	2.30E+00
	Gumweed	AG	0	1	0	7.89E-02	7.89E-02	7.89E-02	NA	NA	NA	7.89E-02
	Gumweed	AL	0	1	0	4.02E+01	4.02E+01	4.02E+01	NA	NA	NA	4.02E+01
	Gumweed	AS	0	1	0	3.12E-01	3.12E-01	3.12E-01	NA	NA	NA	3.12E-01
	Gumweed	BA	1	1	100	2.60E+00	2.60E+00	2.60E+00	NA	NA	NA	2.60E+00
	Gumweed	BE	0	1	0	3.00E-03	3.00E-03	3.00E-03	NA	NA	NA	3.00E-03
	Gumweed	CD	1	1	100	5.30E+00	5.30E+00	5.30E+00	NA	NA	NA	5.30E+00
	Gumweed	CO	0	1	0	3.89E-02	3.89E-02	3.89E-02	NA	NA	NA	3.89E-02
	Gumweed	CR	1	1	100	2.00E-01	2.00E-01	2.00E-01	NA	NA	NA	2.00E-01
	Gumweed	CU	1	1	100	9.00E+00	9.00E+00	9.00E+00	NA	NA	NA	9.00E+00
	Gumweed	FE	0	1	0	3.07E+01	3.07E+01	3.07E+01	NA	NA	NA	3.07E+01
	Gumweed	HG	0	1	0	9.80E-03	9.80E-03	9.80E-03	NA	NA	NA	9.80E-03
	Gumweed	MN	1	1	100	7.00E+00	7.00E+00	7.00E+00	NA	NA	NA	7.00E+00
	Gumweed	NI	1	1	100	7.40E-01	7.40E-01	7.40E-01	NA	NA	NA	7.40E-01
	Gumweed	PB	1	1	100	1.30E+00	1.30E+00	1.30E+00	NA	NA	NA	1.30E+00
	Gumweed	SB	0	1	0	1.59E-01	1.59E-01	1.59E-01	NA	NA	NA	1.59E-01

15

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
15 (cont.)	Gumweed	SE	0	1	0	2.82E-01	2.82E-01	2.82E-01	NA	NA	2.82E-01
	Gumweed	V	0	1	0	5.39E-02	5.39E-02	5.39E-02	NA	NA	5.39E-02
	Gumweed	ZN	1	1	100	1.46E+02	1.46E+02	1.46E+02	NA	NA	1.46E+02
	Rabbitbrush	AG	0	3	0	8.01E-02	8.09E-02	8.04E-02	4.25E-04	8.11E-02	8.09E-02
	Rabbitbrush	AL	3	3	100	4.00E+01	1.38E+02	7.70E+01	5.32E+01	1.67E+02	1.38E+02
	Rabbitbrush	AS	3	3	100	4.00E-01	5.30E-01	4.73E-01	6.66E-02	5.86E-01	5.30E-01
	Rabbitbrush	BA	3	3	100	1.90E+00	2.60E+00	2.13E+00	4.04E-01	2.81E+00	2.60E+00
	Rabbitbrush	BE	0	3	0	2.95E-03	3.00E-03	2.97E-03	2.89E-05	3.02E-03	3.00E-03
	Rabbitbrush	CD	3	3	100	1.60E-01	1.70E+00	6.80E-01	8.83E-01	2.17E+00	1.70E+00
	Rabbitbrush	CO	0	3	0	4.75E-02	4.79E-02	4.76E-02	2.47E-04	4.80E-02	4.79E-02
	Rabbitbrush	CR	3	3	100	2.00E-01	4.30E-01	2.87E-01	1.25E-01	4.97E-01	4.30E-01
	Rabbitbrush	CU	3	3	100	4.30E+00	1.06E+01	6.80E+00	3.35E+00	1.24E+01	1.06E+01
	Rabbitbrush	FE	3	3	100	5.12E+01	1.50E+02	9.08E+01	5.23E+01	1.79E+02	1.50E+02
	Rabbitbrush	HG	0	3	0	4.95E-03	5.00E-03	4.98E-03	2.89E-05	5.03E-03	5.00E-03
	Rabbitbrush	MN	3	3	100	9.60E+00	2.01E+01	1.39E+01	5.48E+00	2.32E+01	2.01E+01
	Rabbitbrush	NI	3	3	100	8.30E-01	1.20E+00	1.00E+00	1.86E-01	1.32E+00	1.20E+00
	Rabbitbrush	PB	3	3	100	1.00E+00	2.80E+00	1.73E+00	9.45E-01	3.33E+00	2.80E+00
	Rabbitbrush	SB	0	3	0	2.48E-01	2.55E-01	2.51E-01	3.64E-03	2.57E-01	2.55E-01
	Rabbitbrush	SE	0	3	0	2.08E-01	2.25E-01	2.15E-01	9.10E-03	2.30E-01	2.25E-01
	Rabbitbrush	V	3	3	100	8.00E-02	2.30E-01	1.40E-01	7.94E-02	2.74E-01	2.30E-01
	Rabbitbrush	ZN	3	3	100	2.19E+01	1.02E+02	5.91E+01	4.04E+01	1.27E+02	1.02E+02
	Sweetclover	AG	0	2	0	3.53E-02	3.58E-02	3.56E-02	3.54E-04	3.71E-02	3.58E-02
	Sweetclover	AL	2	2	100	4.61E+01	6.62E+01	5.62E+01	1.42E+01	1.20E+02	6.62E+01
	Sweetclover	AS	2	2	100	6.70E-01	9.10E-01	7.90E-01	1.70E-01	1.55E+00	9.10E-01
	Sweetclover	BA	2	2	100	1.11E+01	1.60E+01	1.36E+01	3.46E+00	2.90E+01	1.60E+01
	Sweetclover	BE	0	2	0	1.95E-03	2.00E-03	1.98E-03	3.54E-05	2.13E-03	2.00E-03
	Sweetclover	CD	2	2	100	1.50E-01	3.60E-01	2.55E-01	1.48E-01	9.18E-01	3.60E-01
	Sweetclover	CO	2	2	100	9.00E-02	1.20E-01	1.05E-01	2.12E-02	2.00E-01	1.20E-01
	Sweetclover	CR	2	2	100	3.40E-01	3.40E-01	3.40E-01	0.00E+00	NA	3.40E-01
	Sweetclover	CU	2	2	100	3.40E+00	4.10E+00	3.75E+00	4.95E-01	5.96E+00	4.10E+00
	Sweetclover	FE	2	2	100	5.21E+01	7.29E+01	6.25E+01	1.47E+01	1.28E+02	7.29E+01
	Sweetclover	HG	1	2	50	4.80E-03	1.00E-02	7.40E-03	3.68E-03	2.38E-02	1.00E-02
	Sweetclover	MN	2	2	100	5.90E+00	6.10E+00	6.00E+00	1.41E-01	6.63E+00	6.10E+00
	Sweetclover	NI	2	2	100	3.90E-01	4.30E-01	4.10E-01	2.83E-02	5.36E-01	4.30E-01
	Sweetclover	PB	2	2	100	1.20E+00	1.90E+00	1.55E+00	4.95E-01	3.76E+00	1.90E+00
	Sweetclover	SB	0	2	0	4.59E-01	4.59E-01	4.59E-01	0.00E+00	NA	4.59E-01
	Sweetclover	SE	0	2	0	2.85E-01	3.02E-01	2.94E-01	1.20E-02	3.47E-01	3.02E-01
	Sweetclover	V	0	2	0	6.08E-02	6.17E-02	6.12E-02	6.01E-04	6.39E-02	6.17E-02
	Sweetclover	ZN	2	2	100	7.30E+00	1.20E+01	9.65E+00	3.32E+00	2.45E+01	1.20E+01
1b	Gumweed	AG	0	2	0	7.87E-02	7.89E-02	7.88E-02	1.06E-04	7.92E-02	7.89E-02
	Gumweed	AL	2	2	100	2.65E+02	2.66E+02	2.66E+02	7.07E-01	2.69E+02	2.66E+02

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number		%	Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
			of	of								
1b (cont.)			Defects	Samples								
	Gumweed	AS	0	2		0	3.03E-01	3.12E-01	3.07E-01	6.36E-03	3.36E-01	3.12E-01
	Gumweed	BA	2	2		100	1.69E+01	1.73E+01	1.71E+01	2.83E-01	1.84E+01	1.73E+01
	Gumweed	BE	0	2		0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	NA	3.00E-03
	Gumweed	CD	1	2		50	1.97E-01	4.00E+00	2.10E+00	2.69E+00	1.41E+01	4.00E+00
	Gumweed	CO	2	2		100	8.00E-02	9.00E-02	8.50E-02	7.07E-03	1.17E-01	9.00E-02
	Gumweed	CR	2	2		100	3.90E-01	4.70E-01	4.30E-01	5.66E-02	6.83E-01	4.70E-01
	Gumweed	CU	2	2		100	5.70E+00	1.03E+01	8.00E+00	3.25E+00	2.25E+01	1.03E+01
	Gumweed	FE	2	2		100	1.96E+02	1.98E+02	1.97E+02	1.41E+00	2.03E+02	1.98E+02
	Gumweed	HG	0	2		0	9.90E-03	9.93E-03	9.93E-03	3.54E-05	1.01E-02	9.93E-03
	Gumweed	MN	2	2		100	2.36E+01	2.72E+01	2.54E+01	2.55E+00	3.68E+01	2.72E+01
	Gumweed	NI	2	2		100	4.60E-01	5.20E-01	4.90E-01	4.24E-02	6.79E-01	5.20E-01
	Gumweed	PB	2	2		100	6.00E-01	1.70E+00	1.15E+00	7.78E-01	4.62E+00	1.70E+00
	Gumweed	SB	0	2		0	1.62E-01	1.63E-01	1.63E-01	1.13E-03	1.68E-01	1.63E-01
	Gumweed	SE	0	2		0	2.74E-01	2.82E-01	2.78E-01	5.76E-03	3.04E-01	2.82E-01
	Gumweed	V	2	2		100	2.60E-01	3.50E-01	3.05E-01	6.36E-02	5.89E-01	3.50E-01
	Gumweed	ZN	2	2		100	2.17E+01	5.47E+01	3.82E+01	2.33E+01	1.42E+02	5.47E+01
	Rabbitbrush	AG	0	2		0	7.94E-02	7.96E-02	7.95E-02	1.06E-04	7.99E-02	7.96E-02
	Rabbitbrush	AL	2	2		100	4.39E+01	5.00E+01	4.70E+01	4.31E+00	6.62E+01	5.00E+01
	Rabbitbrush	AS	1	2		50	1.18E-01	2.50E-01	1.84E-01	9.32E-02	6.00E-01	2.50E-01
	Rabbitbrush	BA	2	2		100	7.60E+00	9.20E+00	8.40E+00	1.13E+00	1.35E+01	9.20E+00
	Rabbitbrush	BE	0	2		0	2.95E-03	2.95E-03	2.95E-03	0.00E+00	NA	2.95E-03
	Rabbitbrush	CD	2	2		100	2.20E-01	4.30E-01	3.25E-01	1.48E-01	9.88E-01	4.30E-01
	Rabbitbrush	CO	1	2		50	4.71E-02	1.00E-01	7.36E-02	3.74E-02	2.40E-01	1.00E-01
	Rabbitbrush	CR	2	2		100	2.20E-01	2.20E-01	2.20E-01	0.00E+00	NA	2.20E-01
	Rabbitbrush	CU	2	2		100	4.20E+00	6.60E+00	5.40E+00	1.70E+00	1.30E+01	6.60E+00
	Rabbitbrush	FE	2	2		100	5.84E+01	6.49E+01	6.17E+01	4.60E+00	8.22E+01	6.49E+01
	Rabbitbrush	HG	1	2		50	5.00E-03	1.00E-02	7.50E-03	3.54E-03	2.33E-02	1.00E-02
	Rabbitbrush	MN	2	2		100	2.44E+01	4.26E+01	3.35E+01	1.29E+01	9.10E+01	4.26E+01
	Rabbitbrush	NI	2	2		100	5.70E-01	6.00E-01	5.85E-01	2.12E-02	6.80E-01	6.00E-01
	Rabbitbrush	PB	2	2		100	3.50E-01	4.90E-01	4.20E-01	9.90E-02	8.62E-01	4.90E-01
	Rabbitbrush	SB	0	2		0	2.41E-01	2.62E-01	2.52E-01	1.52E-02	3.20E-01	2.62E-01
	Rabbitbrush	SE	0	2		0	2.05E-01	2.16E-01	2.10E-01	8.34E-03	2.48E-01	2.16E-01
	Rabbitbrush	V	1	2		50	3.93E-02	1.00E-01	6.97E-02	4.29E-02	2.61E-01	1.00E-01
	Rabbitbrush	ZN	2	2		100	5.90E+00	5.14E+01	2.87E+01	3.22E+01	1.72E+02	5.14E+01
	Gumweed	AG	0	2		0	7.89E-02	7.89E-02	7.89E-02	0.00E+00	NA	7.89E-02
	Gumweed	AL	2	2		100	1.24E+02	1.62E+02	1.43E+02	2.69E+01	2.63E+02	1.62E+02
	Gumweed	AS	2	2		100	8.10E-01	1.10E+00	9.55E-01	2.05E-01	1.87E+00	1.10E+00
	Gumweed	BA	2	2		100	1.22E+01	1.56E+01	1.39E+01	2.40E+00	2.46E+01	1.56E+01
	Gumweed	BE	0	2		0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	NA	3.00E-03
	Gumweed	CD	0	2		0	2.03E-01	2.05E-01	2.04E-01	1.45E-03	2.10E-01	2.05E-01
	Gumweed	CO	1	2		50	3.89E-02	8.00E-02	5.94E-02	2.91E-02	1.89E-01	8.00E-02
1c												

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
1c (cont.)	Gumweed	CR	2	2	100	2.80E-01	3.80E-01	3.30E-01	7.07E-02	6.46E-01	3.80E-01
	Gumweed	CU	2	2	100	4.30E+00	6.70E+00	5.50E+00	1.70E+00	1.31E+01	6.70E+00
	Gumweed	FE	2	2	100	1.20E+02	1.61E+02	1.41E+02	2.90E+01	2.70E+02	1.61E+02
	Gumweed	HG	0	2	0	9.80E-03	9.90E-03	9.85E-03	7.07E-05	1.02E-02	9.90E-03
	Gumweed	MN	2	2	100	1.74E+01	2.25E+01	2.00E+01	3.61E+00	3.61E+01	2.25E+01
	Gumweed	NI	2	2	100	5.40E-01	7.80E-01	6.60E-01	1.70E-01	1.42E+00	7.80E-01
	Gumweed	PB	2	2	100	7.50E-01	8.60E-01	8.05E-01	7.78E-02	1.15E+00	8.60E-01
	Gumweed	SB	0	2	0	1.63E-01	1.65E-01	1.64E-01	1.17E-03	1.69E-01	1.65E-01
	Gumweed	SE	0	2	0	2.82E-01	2.85E-01	2.84E-01	1.98E-03	2.92E-01	2.85E-01
	Gumweed	V	0	2	0	5.39E-02	5.39E-02	5.39E-02	0.00E+00	NA	5.39E-02
	Gumweed	ZN	2	2	100	2.63E+01	2.78E+01	2.71E+01	1.06E+00	3.18E+01	2.78E+01
	Rabbitbrush	AG	0	2	0	7.96E-02	8.05E-02	8.00E-02	6.72E-04	8.30E-02	8.05E-02
	Rabbitbrush	AL	2	2	100	3.58E+01	8.63E+01	6.11E+01	3.57E+01	2.20E+02	8.63E+01
	Rabbitbrush	AS	2	2	100	2.40E-01	4.30E-01	3.35E-01	1.34E-01	9.35E-01	4.30E-01
	Rabbitbrush	BA	2	2	100	3.20E+00	6.80E+00	5.00E+00	2.55E+00	1.64E+01	6.80E+00
	Rabbitbrush	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Rabbitbrush	CD	2	2	100	1.40E-01	1.40E+00	7.70E-01	8.91E-01	4.75E+00	1.40E+00
	Rabbitbrush	CO	1	2	50	4.71E-02	1.10E-01	7.86E-02	4.44E-02	2.77E-01	1.10E-01
	Rabbitbrush	CR	2	2	100	2.10E-01	2.30E-01	2.20E-01	1.41E-02	2.83E-01	2.30E-01
	Rabbitbrush	CU	2	2	100	2.60E+00	4.80E+00	3.70E+00	1.56E+00	1.06E+01	4.80E+00
	Rabbitbrush	FE	2	2	100	4.59E+01	1.08E+02	7.70E+01	4.39E+01	2.73E+02	1.08E+02
	Rabbitbrush	HG	0	2	0	5.00E-03	5.00E-03	5.00E-03	0.00E+00	NA	5.00E-03
	Rabbitbrush	MN	2	2	100	9.50E+00	6.00E+01	3.48E+01	3.57E+01	1.94E+02	6.00E+01
	Rabbitbrush	NI	2	2	100	4.70E-01	1.80E+00	1.14E+00	9.40E-01	5.33E+00	1.80E+00
	Rabbitbrush	PB	2	2	100	3.50E-01	5.20E-01	4.35E-01	1.20E-01	9.72E-01	5.20E-01
	Rabbitbrush	SB	0	2	0	2.55E-01	2.57E-01	2.56E-01	1.76E-03	2.64E-01	2.57E-01
	Rabbitbrush	SE	0	2	0	2.06E-01	2.21E-01	2.14E-01	1.00E-02	2.58E-01	2.21E-01
	Rabbitbrush	V	1	2	50	3.98E-02	9.00E-02	6.49E-02	3.55E-02	2.24E-01	9.00E-02
	Rabbitbrush	ZN	2	2	100	6.60E+00	2.08E+01	1.37E+01	1.00E+01	5.85E+01	2.08E+01
	Gumweed	AG	0	2	0	7.81E-02	7.90E-02	7.85E-02	6.72E-04	8.15E-02	7.90E-02
	Gumweed	AL	2	2	100	1.23E+02	4.11E+02	2.67E+02	2.04E+02	1.18E+03	4.11E+02
	Gumweed	AS	0	2	0	3.03E-01	3.15E-01	3.09E-01	8.56E-03	3.47E-01	3.15E-01
	Gumweed	BA	2	2	100	3.32E+01	1.20E+02	7.66E+01	6.14E+01	3.51E+02	1.20E+02
	Gumweed	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Gumweed	CD	2	2	100	1.40E+00	1.01E+01	5.75E+00	6.15E+00	3.32E+01	1.01E+01
	Gumweed	CO	1	2	50	3.86E-02	2.30E-01	1.34E-01	1.35E-01	7.39E-01	2.30E-01
	Gumweed	CR	2	2	100	3.20E-01	1.30E+00	8.10E-01	6.93E-01	3.90E+00	1.30E+00
	Gumweed	CU	2	2	100	1.49E+01	5.36E+01	3.43E+01	2.74E+01	1.56E+02	5.36E+01
	Gumweed	FE	2	2	100	1.10E+02	2.86E+02	1.98E+02	1.24E+02	7.54E+02	2.86E+02
	Gumweed	HG	0	2	0	9.70E-03	9.80E-03	9.75E-03	7.07E-05	1.01E-02	9.80E-03
	Gumweed	MN	2	2	100	1.82E+01	2.35E+01	2.09E+01	3.75E+00	3.76E+01	2.35E+01

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Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyle	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ug/g
21 (cont.)											
	Gumweed	NI	2	2	100	4.50E-01	1.50E+00	9.75E-01	7.42E-01	4.29E+00	1.50E+00
	Gumweed	PB	2	2	100	2.93E+01	1.47E+02	8.82E+01	8.32E+01	4.60E+02	1.47E+02
	Gumweed	SB	1	2	50	1.62E-01	3.40E+00	1.78E+00	2.29E+00	1.20E+01	3.40E+00
	Gumweed	SE	0	2	0	2.74E-01	2.85E-01	2.80E-01	7.74E-03	3.14E-01	2.85E-01
	Gumweed	V	2	2	100	1.10E-01	3.90E-01	2.50E-01	1.98E-01	1.13E+00	3.90E-01
	Gumweed	ZN	2	2	100	5.07E+01	1.54E+02	1.02E+02	7.30E+01	4.28E+02	1.54E+02
	Rabbitbrush	AG	0	2	0	7.94E-02	8.10E-02	8.02E-02	1.13E-03	8.53E-02	8.10E-02
	Rabbitbrush	AL	2	2	100	6.63E+01	8.12E+01	7.38E+01	1.03E+01	1.21E+02	8.12E+01
	Rabbitbrush	AS	1	2	50	1.26E-01	2.80E-01	2.03E-01	1.09E-01	6.89E-01	2.80E-01
	Rabbitbrush	BA	2	2	100	8.50E+00	1.72E+01	2.29E+01	6.15E+00	4.03E+01	1.72E+01
	Rabbitbrush	BE	0	2	0	2.95E-03	3.00E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Rabbitbrush	CD	2	2	100	1.80E-01	7.70E-01	4.75E-01	4.17E-01	2.34E+00	7.70E-01
	Rabbitbrush	CO	0	2	0	4.71E-02	4.80E-02	4.75E-02	6.72E-04	5.05E-02	4.80E-02
	Rabbitbrush	CR	2	2	100	1.90E-01	6.60E-01	4.25E-01	3.32E-01	1.91E+00	6.60E-01
	Rabbitbrush	CU	2	2	100	6.50E+00	1.23E+01	9.40E+00	4.10E+00	2.77E+01	1.23E+01
	Rabbitbrush	FE	2	2	100	6.52E+01	8.73E+01	7.63E+01	1.56E+02	1.46E+02	8.73E+01
	Rabbitbrush	HG	1	2	50	4.95E-03	1.00E-02	7.48E-03	3.57E-03	2.34E-02	1.00E-02
	Rabbitbrush	MN	2	2	100	8.50E+00	1.25E+01	1.05E+01	2.83E+00	2.31E+01	1.25E+01
	Rabbitbrush	NI	1	2	50	1.08E-01	9.20E-01	5.14E-01	5.74E-01	3.08E+00	9.20E-01
	Rabbitbrush	PB	2	2	100	1.43E+01	7.09E+01	4.26E+01	4.00E+01	2.21E+02	7.09E+01
	Rabbitbrush	SB	1	2	50	2.60E-01	1.30E+00	7.80E-01	7.36E-01	4.06E+00	1.30E+00
	Rabbitbrush	SE	0	2	0	2.12E-01	2.18E-01	2.15E-01	4.38E-03	2.35E-01	2.18E-01
	Rabbitbrush	V	1	2	50	3.92E-02	9.00E-02	6.46E-02	3.59E-02	2.25E-01	9.00E-02
	Rabbitbrush	ZN	2	2	100	1.33E+01	2.36E+01	1.85E+01	7.28E+00	5.10E+01	2.36E+01
	Ambrosia	AG	0	1	0	7.84E-02	7.84E-02	7.84E-02	NA	NA	7.84E-02
	Ambrosia	AL	1	1	100	9.25E+01	9.25E+01	9.25E+01	NA	NA	9.25E+01
	Ambrosia	AS	0	1	0	3.14E-01	3.14E-01	3.14E-01	NA	NA	3.14E-01
	Ambrosia	BA	1	1	100	8.30E+00	8.30E+00	8.30E+00	NA	NA	8.30E+00
	Ambrosia	BE	1	1	100	1.00E-02	1.00E-02	1.00E-02	NA	NA	1.00E-02
	Ambrosia	CD	0	1	0	2.04E-01	2.04E-01	2.04E-01	NA	NA	2.04E-01
	Ambrosia	CO	1	1	100	8.00E-02	8.00E-02	8.00E-02	NA	NA	8.00E-02
	Ambrosia	CR	1	1	100	4.80E-01	4.80E-01	4.80E-01	NA	NA	4.80E-01
	Ambrosia	CU	1	1	100	9.10E+00	9.10E+00	9.10E+00	NA	NA	9.10E+00
	Ambrosia	FE	1	1	100	1.02E+02	1.02E+02	1.02E+02	NA	NA	1.02E+02
	Ambrosia	HG	0	1	0	7.75E-03	7.75E-03	7.75E-03	NA	NA	7.75E-03
	Ambrosia	MN	1	1	100	9.50E+00	9.50E+00	9.50E+00	NA	NA	9.50E+00
	Ambrosia	NI	1	1	100	2.60E+00	2.60E+00	2.60E+00	NA	NA	2.60E+00
	Ambrosia	PB	1	1	100	3.70E-01	3.70E-01	3.70E-01	NA	NA	3.70E-01
	Ambrosia	SB	0	1	0	1.60E-01	1.60E-01	1.60E-01	NA	NA	1.60E-01
	Ambrosia	SE	0	1	0	2.81E-01	2.81E-01	2.81E-01	NA	NA	2.81E-01
	Ambrosia	V	1	1	100	1.50E-01	1.50E-01	1.50E-01	NA	NA	1.50E-01

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Summary Statistics for Metals in Biota (continued)

SWMU		Number		Number		%		Standard		Cterm-	
Number	Matrix	Analyte	Number	Number	Number	Number	Number	Average	Deviation	UCL 95	µg/g
37 (cont.)	Ambrosia	ZN	1	1	1	100	3.75E+01	3.75E+01	NA	NA	3.75E+01
	Rabbitbrush	AG	0	2	2	0	7.97E-02	8.07E-02	7.07E-04	8.34E-02	8.07E-02
	Rabbitbrush	AL	2	2	2	100	9.06E+01	1.37E+02	6.53E-01	4.29E+02	1.83E+02
	Rabbitbrush	AS	2	2	2	100	3.20E-01	3.40E-01	2.83E-02	4.66E-01	3.60E-01
	Rabbitbrush	BA	2	2	2	100	7.00E+00	7.00E+00	0.00E+00	NA	7.00E+00
	Rabbitbrush	BE	0	2	2	0	2.95E-03	2.98E-03	3.54E-05	3.13E-03	3.00E-03
	Rabbitbrush	CD	1	2	2	50	5.24E-02	1.36E-01	1.19E-01	6.65E-01	2.20E-01
	Rabbitbrush	CO	1	2	2	50	4.78E-02	7.39E-02	3.69E-02	2.39E-01	1.00E-01
	Rabbitbrush	CR	2	2	2	100	3.50E-01	4.40E-01	1.27E-01	1.01E+00	5.30E-01
	Rabbitbrush	CU	2	2	2	100	7.20E+00	7.80E+00	8.49E-01	1.16E+01	8.40E+00
	Rabbitbrush	FE	2	2	2	100	1.20E+02	1.53E+02	4.60E+01	3.58E+02	1.85E+02
	Rabbitbrush	HG	0	2	2	0	4.95E-03	4.98E-03	3.54E-05	5.13E-03	5.00E-03
	Rabbitbrush	MN	2	2	2	100	1.46E+01	1.55E+01	1.27E+00	2.12E+01	1.64E+01
	Rabbitbrush	NI	2	2	2	100	3.60E-01	1.38E+00	1.44E+00	7.82E+00	2.40E+00
	Rabbitbrush	PB	2	2	2	100	4.10E-01	1.11E+00	9.83E-01	5.49E+00	1.80E+00
	Rabbitbrush	SB	0	2	2	0	2.48E-01	2.51E-01	5.06E-03	2.74E-01	2.55E-01
	Rabbitbrush	SE	0	2	2	0	2.10E-01	2.12E-01	2.83E-03	2.25E-01	2.14E-01
	Rabbitbrush	V	2	2	2	100	1.10E-01	2.15E-01	1.48E-01	8.78E-01	3.20E-01
	Rabbitbrush	ZN	2	2	2	100	1.24E+01	1.91E+01	9.40E+00	6.10E+01	2.57E+01
	Sweetclover	AG	0	2	2	0	3.57E-02	3.58E-02	1.41E-04	3.64E-02	3.59E-02
	Sweetclover	AL	2	2	2	100	4.77E+01	5.25E+01	6.79E+00	8.28E+01	5.73E+01
	Sweetclover	AS	2	2	2	100	3.10E-01	3.60E-01	7.07E-02	6.76E-01	4.10E-01
	Sweetclover	BA	2	2	2	100	1.14E+01	1.73E+01	8.27E+00	5.42E+01	2.31E+01
	Sweetclover	BE	0	2	2	0	2.00E-03	2.00E-03	0.00E+00	NA	2.00E-03
	Sweetclover	CD	1	2	2	50	6.13E-02	1.41E-01	1.12E-01	6.42E-01	2.20E-01
	Sweetclover	CO	1	2	2	50	3.59E-02	5.79E-02	3.12E-02	1.97E-01	8.00E-02
	Sweetclover	CR	2	2	2	100	2.40E-01	2.80E-01	5.66E-02	5.33E-01	3.20E-01
	Sweetclover	CU	2	2	2	100	3.30E+00	3.75E+00	6.36E-01	6.59E+00	4.20E+00
	Sweetclover	FE	2	2	2	100	6.36E+01	7.30E+01	1.32E+01	1.32E+02	8.23E+01
	Sweetclover	HG	2	2	2	100	1.00E-02	1.00E-02	0.00E+00	NA	1.00E-02
	Sweetclover	MN	2	2	2	100	1.23E+01	1.42E+01	2.62E+00	2.58E+01	1.60E+01
	Sweetclover	NI	2	2	2	100	2.60E-01	4.00E-01	1.98E-01	1.28E+00	5.40E-01
	Sweetclover	PB	2	2	2	100	3.30E-01	5.15E-01	2.62E-01	1.68E+00	7.00E-01
	Sweetclover	SB	0	2	2	0	4.55E-01	4.57E-01	2.93E-03	4.70E-01	4.59E-01
	Sweetclover	SE	0	2	2	0	2.88E-01	2.92E-01	5.90E-03	3.18E-01	2.96E-01
	Sweetclover	V	0	2	2	0	6.14E-02	6.16E-02	2.47E-04	6.27E-02	6.18E-02
	Sweetclover	ZN	2	2	2	100	7.10E+00	8.90E+00	2.55E+00	2.03E+01	1.07E+01
	Gumweed	AG	0	1	1	0	7.89E-02	7.89E-02	NA	NA	7.89E-02
	Gumweed	AL	1	1	1	100	1.36E+02	1.36E+02	NA	NA	1.36E+02
	Gumweed	AS	1	1	1	100	9.30E-01	9.30E-01	NA	NA	9.30E-01
	Gumweed	BA	1	1	1	100	3.09E+01	3.09E+01	NA	NA	3.09E+01

Summary Statistics for Metals in Biota (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
42 (cont.)											
Gumweed	BE	3.00E-03	0	1	0	3.00E-03	3.00E-03	3.00E-03	NA	NA	3.00E-03
Gumweed	CD	4.50E-01	1	1	100	4.50E-01	4.50E-01	4.50E-01	NA	NA	4.50E-01
Gumweed	CO	1.30E-01	1	1	100	1.30E-01	1.30E-01	1.30E-01	NA	NA	1.30E-01
Gumweed	CR	4.80E-01	1	1	100	4.80E-01	4.80E-01	4.80E-01	NA	NA	4.80E-01
Gumweed	CU	9.50E+00	1	1	100	9.50E+00	9.50E+00	9.50E+00	NA	NA	9.50E+00
Gumweed	FE	1.39E+02	1	1	100	1.39E+02	1.39E+02	1.39E+02	NA	NA	1.39E+02
Gumweed	HG	1.00E-02	0	1	0	1.00E-02	1.00E-02	1.00E-02	NA	NA	1.00E-02
Gumweed	MN	1.84E+01	1	1	100	1.84E+01	1.84E+01	1.84E+01	NA	NA	1.84E+01
Gumweed	NI	1.10E+00	1	1	100	1.10E+00	1.10E+00	1.10E+00	NA	NA	1.10E+00
Gumweed	PB	3.12E+01	1	1	100	3.12E+01	3.12E+01	3.12E+01	NA	NA	3.12E+01
Gumweed	SB	1.65E-01	0	1	0	1.65E-01	1.65E-01	1.65E-01	NA	NA	1.65E-01
Gumweed	SE	2.85E-01	0	1	0	2.85E-01	2.85E-01	2.85E-01	NA	NA	2.85E-01
Gumweed	V	1.90E-01	1	1	100	1.90E-01	1.90E-01	1.90E-01	NA	NA	1.90E-01
Gumweed	ZN	2.32E+01	1	1	100	2.32E+01	2.32E+01	2.32E+01	NA	NA	2.32E+01
Rabbitbrush	AG	8.09E-02	0	9	0	7.99E-02	8.09E-02	8.04E-02	3.04E-04	8.06E-02	8.09E-02
Rabbitbrush	AL	4.47E+01	9	9	100	4.47E+01	1.26E+02	7.52E+01	2.71E+01	9.20E+01	9.20E+01
Rabbitbrush	AS	3.10E-01	9	9	100	3.10E-01	9.00E-01	6.56E-01	1.99E-01	7.79E-01	7.79E-01
Rabbitbrush	BA	6.30E+00	9	9	100	6.30E+00	9.94E+01	3.99E+01	3.72E+01	6.30E+01	6.30E+01
Rabbitbrush	BE	2.95E-03	0	9	0	2.95E-03	3.00E-03	2.98E-03	2.50E-05	3.00E-03	3.00E-03
Rabbitbrush	CD	1.20E-01	9	9	100	1.20E-01	2.70E-01	1.83E-01	5.83E-02	2.19E-01	2.19E-01
Rabbitbrush	CO	4.74E-02	2	9	22	4.74E-02	1.10E-01	6.03E-02	2.54E-02	7.61E-02	7.61E-02
Rabbitbrush	CR	2.50E-01	9	9	100	2.50E-01	6.80E-01	3.64E-01	1.31E-01	4.46E-01	4.46E-01
Rabbitbrush	CU	5.10E+00	9	9	100	5.10E+00	1.30E+01	8.20E+00	3.02E+00	1.01E+01	1.01E+01
Rabbitbrush	FE	5.84E+01	9	9	100	5.84E+01	1.45E+02	9.26E+01	2.69E+01	1.09E+02	1.09E+02
Rabbitbrush	HG	4.95E-03	5	9	56	4.95E-03	1.00E-02	7.77E-03	2.65E-03	9.41E-03	9.41E-03
Rabbitbrush	MN	1.56E+01	9	9	100	1.56E+01	3.45E+01	2.26E+01	7.01E+00	2.69E+01	2.69E+01
Rabbitbrush	NI	4.70E-01	9	9	100	4.70E-01	1.80E+00	1.07E+00	5.62E-01	1.42E+00	1.42E+00
Rabbitbrush	PB	4.80E+00	9	9	100	4.80E+00	4.78E+01	1.71E+01	1.43E+01	2.60E+01	2.60E+01
Rabbitbrush	SB	2.45E-01	2	9	22	2.45E-01	9.60E-01	3.81E-01	2.63E-01	5.44E-01	5.44E-01
Rabbitbrush	SE	2.06E-01	0	9	0	2.06E-01	2.21E-01	2.14E-01	4.94E-03	2.17E-01	2.21E-01
Rabbitbrush	V	3.96E-02	5	9	56	3.96E-02	2.00E-01	9.32E-02	6.11E-02	1.31E-01	1.31E-01
Rabbitbrush	ZN	9.00E+00	9	9	100	9.00E+00	3.10E+01	1.75E+01	7.28E+00	2.20E+01	2.20E+01
Sweetclover	AG	3.53E-02	0	8	0	3.53E-02	3.60E-02	3.56E-02	2.41E-04	3.58E-02	3.60E-02
Sweetclover	AL	2.43E+01	8	8	100	2.43E+01	6.32E+01	3.79E+01	1.46E+01	4.77E+01	4.77E+01
Sweetclover	AS	1.42E-01	7	8	88	1.42E-01	9.30E-01	3.84E-01	2.33E-01	5.40E-01	5.40E-01
Sweetclover	BA	2.33E+01	8	8	100	2.33E+01	5.99E+02	2.34E+02	2.07E+02	3.73E+02	3.73E+02
Sweetclover	BE	1.95E-03	0	8	0	1.95E-03	2.00E-03	1.99E-03	2.31E-05	2.00E-03	2.00E-03
Sweetclover	CD	2.00E-01	8	8	100	2.00E-01	7.30E-01	3.46E-01	1.62E-01	4.55E-01	4.55E-01
Sweetclover	CO	9.00E-02	8	8	100	9.00E-02	5.40E-01	2.71E-01	1.64E-01	3.81E-01	3.81E-01
Sweetclover	CR	2.50E-01	8	8	100	2.50E-01	8.20E-01	3.81E-01	1.90E-01	5.09E-01	5.09E-01
Sweetclover	CU	2.90E+00	8	8	100	2.90E+00	1.08E+01	5.04E+00	2.56E+00	6.76E+00	6.76E+00

Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Defects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
42 (cont.)	Sweetclover	FE	8	8	100	3.20E+01	7.12E+01	4.70E+01	1.54E+01	5.73E+01	5.73E+01
	Sweetclover	HG	7	8	88	5.00E-03	3.00E-02	1.31E-02	7.99E-03	1.85E-02	1.85E-02
	Sweetclover	MN	8	8	100	8.20E+00	1.34E+01	1.05E+01	1.75E+00	1.16E+01	1.16E+01
	Sweetclover	NI	8	8	100	2.70E-01	1.50E+00	6.20E-01	3.81E-01	8.75E-01	8.75E-01
	Sweetclover	PB	8	8	100	3.60E+00	7.14E+01	2.07E+01	2.22E+01	3.56E+01	3.56E+01
	Sweetclover	SB	1	8	13	4.55E-01	1.60E+00	6.12E-01	3.99E-01	8.80E-01	8.80E-01
	Sweetclover	SE	0	8	0	2.88E-01	3.05E-01	2.97E-01	7.09E-03	3.01E-01	3.05E-01
	Sweetclover	V	1	8	13	6.08E-02	1.40E-01	7.12E-02	2.78E-02	8.98E-02	8.98E-02
	Sweetclover	ZN	8	8	100	2.40E+00	1.36E+01	5.95E+00	3.45E+00	8.26E+00	8.26E+00
45	Gumweed	AG	0	3	0	7.87E-02	7.90E-02	7.89E-02	1.50E-04	7.91E-02	7.90E-02
	Gumweed	AL	1	3	33	4.01E+01	1.48E+02	7.61E+01	6.22E+01	1.81E+02	1.48E+02
	Gumweed	AS	1	3	33	3.15E-01	7.30E-01	4.53E-01	2.40E-01	8.57E-01	7.30E-01
	Gumweed	BA	3	3	100	1.12E+01	1.54E+01	1.34E+01	2.11E+00	1.70E+01	1.54E+01
	Gumweed	BE	0	3	0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	NA	3.00E-03
	Gumweed	CD	1	3	33	2.01E-01	2.30E+00	9.02E-01	1.21E+00	2.94E+00	2.30E+00
	Gumweed	CO	2	3	67	3.90E-02	9.00E-02	6.97E-02	2.70E-02	1.15E-01	9.00E-02
	Gumweed	CR	3	3	100	2.80E-01	3.50E-01	3.13E-01	3.51E-02	3.73E-01	3.50E-01
	Gumweed	CU	3	3	100	9.10E+00	9.90E+00	9.53E+00	4.04E-01	1.02E+01	9.90E+00
	Gumweed	FE	3	3	100	6.25E+01	1.29E+02	9.28E+01	3.36E+01	1.50E+02	1.29E+02
	Gumweed	HG	0	3	0	9.80E-03	9.85E-03	9.83E-03	2.89E-05	9.88E-03	9.85E-03
	Gumweed	MN	3	3	100	6.30E+00	2.81E+01	2.00E+01	1.19E+01	4.01E+01	2.81E+01
	Gumweed	NI	3	3	100	4.00E-01	5.20E-01	4.57E-01	6.03E-02	5.58E-01	5.20E-01
	Gumweed	PB	3	3	100	1.90E+00	2.40E+00	2.17E+00	2.52E-01	2.59E+00	2.40E+00
	Gumweed	SB	0	3	0	1.63E-01	1.65E-01	1.64E-01	9.53E-04	1.66E-01	1.65E-01
	Gumweed	SE	1	3	33	2.79E-01	8.50E-01	4.71E-01	3.28E-01	1.02E+00	8.50E-01
	Gumweed	V	1	3	33	5.38E-02	1.70E-01	9.26E-02	6.70E-02	2.06E-01	1.70E-01
	Gumweed	ZN	3	3	100	2.42E+01	3.93E+01	3.23E+01	7.62E+00	4.52E+01	3.93E+01
	Jackrabbit	AG	0	15	0	1.83E-01	1.86E-01	1.84E-01	8.78E-04	1.84E-01	1.86E-01
	Jackrabbit	AL	15	15	100	8.60E+00	2.81E+01	1.95E+01	5.32E+00	2.20E+01	2.20E+01
	Jackrabbit	AS	0	15	0	1.23E-01	1.35E-01	1.30E-01	3.89E-03	1.32E-01	1.35E-01
	Jackrabbit	BA	5	15	33	2.18E+00	8.20E+00	3.21E+00	1.73E+00	4.00E+00	4.00E+00
	Jackrabbit	BE	0	15	0	1.95E-03	2.00E-03	1.98E-03	2.44E-05	1.99E-03	2.00E-03
	Jackrabbit	CD	8	15	53	5.61E-02	4.20E-01	1.25E-01	9.49E-02	1.68E-01	1.68E-01
	Jackrabbit	CO	3	15	20	2.65E-02	8.00E-02	3.47E-02	1.71E-02	4.25E-02	4.25E-02
	Jackrabbit	CR	15	15	100	3.20E-01	4.40E-01	3.81E-01	3.49E-02	3.97E-01	3.97E-01
	Jackrabbit	CU	15	15	100	3.60E+00	3.14E+01	1.26E+01	8.76E+00	1.66E+01	1.66E+01
	Jackrabbit	FE	15	15	100	7.49E+01	1.88E+02	1.09E+02	2.93E+01	1.23E+02	1.23E+02
	Jackrabbit	HG	14	15	93	1.45E-03	1.00E-02	8.48E-03	3.16E-03	9.92E-03	9.92E-03
	Jackrabbit	MN	15	15	100	1.90E+00	4.20E+00	2.99E+00	7.91E-01	3.35E+00	3.35E+00
	Jackrabbit	NI	14	15	93	4.93E-02	4.40E-01	2.36E-01	9.56E-02	2.79E-01	2.79E-01
	Jackrabbit	PB	15	15	100	1.80E+00	4.05E+02	7.59E+01	1.13E+02	1.27E+02	1.27E+02

Summary Statistics for Metals in Biota (continued)

SWMU	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
45 (cont.)	Jackrabbit	SB	2	15	13	2.14E-01	6.70E-01	2.66E-01	1.27E-01	3.23E-01	3.23E-01
	Jackrabbit	SE	0	15	0	1.14E-01	1.25E-01	1.20E-01	3.60E-03	1.22E-01	1.23E-01
	Jackrabbit	V	0	15	0	2.75E-02	2.80E-02	2.77E-02	1.43E-04	2.78E-02	2.80E-02
	Jackrabbit	ZN	15	15	100	1.89E+01	2.41E+01	2.19E+01	1.53E+00	2.26E+01	2.26E+01
	Rabbitbrush	AG	0	5	0	7.94E-02	8.02E-02	7.98E-02	2.95E-04	8.01E-02	8.02E-02
	Rabbitbrush	AL	4	5	80	9.46E+00	4.59E+01	2.62E+01	1.31E+01	3.87E+01	3.87E+01
	Rabbitbrush	AS	4	5	80	1.24E-01	4.10E-01	3.05E-01	1.10E-01	4.10E-01	4.10E-01
	Rabbitbrush	BA	5	5	100	2.80E+00	4.20E+00	3.66E+00	5.22E-01	4.16E+00	4.16E+00
	Rabbitbrush	BE	0	5	0	2.95E-03	2.95E-03	2.95E-03	4.12E-11	2.95E-03	2.95E-03
	Rabbitbrush	CD	5	5	100	1.40E-01	3.40E-01	2.26E-01	7.20E-02	2.95E-01	2.95E-01
	Rabbitbrush	CO	1	5	20	4.71E-02	1.00E-01	5.78E-02	2.36E-02	8.03E-02	8.03E-02
	Rabbitbrush	CR	5	5	100	1.70E-01	2.10E-01	1.90E-01	1.41E-02	2.03E-01	2.03E-01
	Rabbitbrush	CU	5	5	100	4.00E+00	5.30E+00	4.48E+00	5.54E-01	5.01E+00	5.01E+00
	Rabbitbrush	FE	5	5	100	2.92E+01	5.84E+01	4.11E+01	1.07E+01	5.13E+01	5.13E+01
	Rabbitbrush	HG	2	5	40	4.95E-03	2.00E-02	8.98E-03	6.53E-03	1.52E-02	1.52E-02
	Rabbitbrush	MN	5	5	100	1.02E+01	2.38E+01	1.61E+01	5.33E+00	2.12E+01	2.12E+01
	Rabbitbrush	NI	5	5	100	3.90E-01	1.30E+00	7.16E-01	3.65E-01	1.06E+00	1.06E+00
	Rabbitbrush	PB	5	5	100	8.60E-01	1.80E+00	1.19E+00	3.80E-01	1.55E+00	1.55E+00
	Rabbitbrush	SB	0	5	0	2.43E-01	2.60E-01	2.50E-01	6.96E-03	2.57E-01	2.60E-01
	Rabbitbrush	SE	0	5	0	2.08E-01	2.21E-01	2.14E-01	4.70E-03	2.18E-01	2.21E-01
	Rabbitbrush	V	1	5	20	3.92E-02	9.00E-02	4.95E-02	2.26E-02	7.11E-02	7.11E-02
	Rabbitbrush	ZN	5	5	100	9.00E+00	1.43E+01	1.22E+01	2.06E+00	1.41E+01	1.41E+01
	Sweetclover	AG	0	3	0	3.55E-02	3.58E-02	3.56E-02	1.80E-04	3.59E-02	3.58E-02
	Sweetclover	AL	3	3	100	1.94E+01	2.22E+01	2.04E+01	1.54E+00	2.30E+01	2.22E+01
	Sweetclover	AS	1	3	33	1.40E-01	4.30E-01	2.40E-01	1.63E-01	5.18E-01	4.30E-01
	Sweetclover	BA	3	3	100	1.08E+01	1.92E+01	1.42E+01	4.42E+00	2.17E+01	1.92E+01
	Sweetclover	BE	0	3	0	1.95E-03	2.00E-03	1.98E-03	2.89E-05	2.03E-03	2.00E-03
	Sweetclover	CD	1	3	33	6.44E-02	1.90E-01	1.06E-01	7.23E-02	2.29E-01	1.90E-01
	Sweetclover	CO	1	3	33	3.55E-02	9.00E-02	5.37E-02	3.15E-02	1.07E-01	9.00E-02
	Sweetclover	CR	3	3	100	1.90E-01	2.30E-01	2.10E-01	2.00E-02	2.44E-01	2.30E-01
	Sweetclover	CU	3	3	100	1.70E+00	2.10E+00	1.90E+00	2.00E-01	2.24E+00	2.10E+00
	Sweetclover	FE	3	3	100	2.38E+01	3.02E+01	2.71E+01	3.20E+00	3.25E+01	3.02E+01
	Sweetclover	HG	3	3	100	1.00E-02	1.00E-02	1.00E-02	1.65E-10	1.00E-02	1.00E-02
	Sweetclover	MN	3	3	100	5.10E+00	1.35E+01	9.27E+00	4.20E+00	1.63E+01	1.35E+01
	Sweetclover	NI	3	3	100	3.00E-01	4.60E-01	3.67E-01	8.33E-02	5.07E-01	4.60E-01
	Sweetclover	PB	3	3	100	6.40E-01	1.00E+00	8.37E-01	1.82E-01	1.14E+00	1.00E+00
	Sweetclover	SB	0	3	0	4.59E-01	4.76E-01	4.70E-01	1.01E-02	4.87E-01	4.76E-01
	Sweetclover	SE	0	3	0	2.85E-01	3.02E-01	2.96E-01	9.79E-03	3.13E-01	3.02E-01
	Sweetclover	V	0	3	0	6.10E-02	6.17E-02	6.13E-02	3.28E-04	6.19E-02	6.17E-02
	Sweetclover	ZN	3	3	100	1.90E+00	4.80E+00	3.03E+00	1.55E+00	5.65E+00	4.80E+00
RSA	Gumweed	AG	0	7	0	7.84E-02	7.86E-02	7.85E-02	8.59E-05	7.85E-02	7.86E-02

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Summary Statistics for Metals in Biota (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ug/g
Number RSA (cont.)											
Gumweed	AL	5	7	71	4.03E+01	3.01E+02	1.30E+02	9.43E+01	1.99E+02	1.99E+02	1.99E+02
Gumweed	AS	0	7	0	3.11E-01	3.15E-01	3.14E-01	1.94E-03	3.15E-01	3.15E-01	3.15E-01
Gumweed	BA	7	7	100	4.10E+00	2.31E+01	1.43E+01	6.64E+00	1.92E+01	1.92E+01	1.92E+01
Gumweed	BE	3	7	43	3.00E-03	2.00E-02	7.43E-03	6.45E-03	1.22E-02	1.22E-02	1.22E-02
Gumweed	CD	3	7	43	2.02E-01	9.40E-01	3.76E-01	2.73E-01	5.76E-01	5.76E-01	5.76E-01
Gumweed	CO	3	7	43	3.83E-02	1.20E-01	6.34E-02	3.33E-02	8.79E-02	8.79E-02	8.79E-02
Gumweed	CR	7	7	100	2.20E-01	6.50E-01	3.41E-01	1.48E-01	4.50E-01	4.50E-01	4.50E-01
Gumweed	CU	7	7	100	4.80E+00	1.35E+01	7.17E+00	3.45E+00	9.71E+00	9.71E+00	9.71E+00
Gumweed	FE	7	7	100	6.58E+01	2.81E+02	1.22E+02	7.42E+01	1.76E+02	1.76E+02	1.76E+02
Gumweed	HG	0	7	0	7.90E-03	9.90E-03	9.04E-03	1.03E-03	9.79E-03	9.79E-03	9.90E-03
Gumweed	MN	7	7	100	6.50E+00	6.34E+01	2.66E+01	1.81E+01	4.00E+01	4.00E+01	4.00E+01
Gumweed	NI	7	7	100	3.20E-01	4.70E+00	1.13E+00	1.59E+00	2.29E+00	2.29E+00	2.29E+00
Gumweed	PB	7	7	100	5.40E-01	1.50E+00	1.10E+00	4.49E-01	1.43E+00	1.43E+00	1.43E+00
Gumweed	SB	0	7	0	1.58E-01	1.65E-01	1.63E-01	2.48E-03	1.65E-01	1.65E-01	1.65E-01
Gumweed	SE	1	7	14	2.79E-01	5.70E-01	3.24E-01	1.08E-01	4.04E-01	4.04E-01	4.04E-01
Gumweed	V	4	7	57	5.35E-02	3.80E-01	1.56E-01	1.22E-01	2.45E-01	2.45E-01	2.45E-01
Gumweed	ZN	7	7	100	1.05E+01	2.43E+01	1.75E+01	5.25E+00	2.13E+01	2.13E+01	2.13E+01
Jackrabbit	AG	0	15	0	1.82E-01	1.86E-01	1.84E-01	1.17E-03	1.84E-01	1.84E-01	1.86E-01
Jackrabbit	AL	15	15	100	1.77E+01	1.53E+02	4.11E+01	3.37E+01	5.65E+01	5.65E+01	5.65E+01
Jackrabbit	AS	2	15	13	1.23E-01	3.60E-01	1.55E-01	7.22E-02	1.87E-01	1.87E-01	1.87E-01
Jackrabbit	BA	14	15	93	2.19E+00	1.25E+01	8.60E+00	3.01E+00	9.97E+00	9.97E+00	9.97E+00
Jackrabbit	BE	0	15	0	1.95E-03	2.00E-03	1.97E-03	2.58E-05	1.99E-03	1.99E-03	2.00E-03
Jackrabbit	CD	3	15	20	5.46E-02	1.40E-01	7.06E-02	2.94E-02	8.39E-02	8.39E-02	8.39E-02
Jackrabbit	CO	1	15	7	2.65E-02	1.00E-01	3.15E-02	1.89E-02	4.02E-02	4.02E-02	4.02E-02
Jackrabbit	CR	15	15	100	3.60E-01	5.40E-01	4.02E-01	4.43E-02	4.22E-01	4.22E-01	4.22E-01
Jackrabbit	CU	15	15	100	2.00E+00	2.90E+00	2.53E+00	2.63E-01	2.65E+00	2.65E+00	2.65E+00
Jackrabbit	FE	15	15	100	7.49E+01	1.81E+02	1.05E+02	2.61E+01	1.16E+02	1.16E+02	1.16E+02
Jackrabbit	HG	15	15	100	1.00E-02	3.00E-02	1.13E-02	5.16E-03	1.37E-02	1.37E-02	1.37E-02
Jackrabbit	MN	15	15	100	1.40E+00	7.10E+00	2.91E+00	1.36E+00	3.53E+00	3.53E+00	3.53E+00
Jackrabbit	NI	12	15	80	4.90E-02	1.60E-01	1.14E-01	3.60E-02	1.30E-01	1.30E-01	1.30E-01
Jackrabbit	PB	15	15	100	2.60E-01	5.67E+01	1.32E+01	1.65E+01	2.07E+01	2.07E+01	2.07E+01
Jackrabbit	SB	1	15	7	2.16E-01	2.20E+00	3.56E-01	5.10E-01	5.88E-01	5.88E-01	5.88E-01
Jackrabbit	SE	13	15	87	1.14E-01	6.20E-01	3.97E-01	1.52E-01	4.66E-01	4.66E-01	4.66E-01
Jackrabbit	V	1	15	7	2.75E-02	1.70E-01	3.71E-02	3.68E-02	5.38E-02	5.38E-02	5.38E-02
Jackrabbit	ZN	15	15	100	1.91E+01	2.33E+01	2.09E+01	1.40E+00	2.15E+01	2.15E+01	2.15E+01
Rabbitbrush	AG	0	15	0	7.94E-02	8.10E-02	8.02E-02	4.47E-04	8.04E-02	8.04E-02	8.10E-02
Rabbitbrush	AL	15	15	100	4.08E+01	2.10E+02	8.73E+01	4.23E+01	1.07E+02	1.07E+02	1.07E+02
Rabbitbrush	AS	7	15	47	1.20E-01	3.30E-01	2.01E-01	8.80E-02	2.41E-01	2.41E-01	2.41E-01
Rabbitbrush	BA	15	15	100	1.90E+00	7.20E+00	3.88E+00	1.74E+00	4.67E+00	4.67E+00	4.67E+00
Rabbitbrush	BE	0	15	0	2.95E-03	3.00E-03	2.96E-03	2.07E-05	2.97E-03	2.97E-03	3.00E-03
Rabbitbrush	CD	15	15	100	1.60E-01	5.90E-01	2.58E-01	1.02E-01	3.04E-01	3.04E-01	3.04E-01

Summary Statistics for Metals in Biota (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
RSA (cont.)											
	Rabbitbrush	CO	0	15	0	4.71E-02	4.80E-02	4.75E-02	2.60E-04	4.76E-02	4.80E-02
	Rabbitbrush	CR	15	15	100	1.60E-01	3.50E-01	2.51E-01	5.90E-02	2.77E-01	2.77E-01
	Rabbitbrush	CU	15	15	100	2.50E+00	6.40E+00	4.33E+00	1.07E+00	4.82E+00	4.82E+00
	Rabbitbrush	FE	15	15	100	4.75E+01	1.86E+02	8.67E+01	3.69E+01	1.03E+02	1.03E+02
	Rabbitbrush	HG	14	15	93	4.95E-03	3.00E-02	1.10E-02	5.42E-03	1.35E-02	1.35E-02
	Rabbitbrush	MN	15	15	100	6.10E+00	4.71E+01	2.79E+01	1.27E+01	3.37E+01	3.37E+01
	Rabbitbrush	NI	15	15	100	3.00E-01	9.50E-01	6.08E-01	1.52E-01	6.77E-01	6.77E-01
	Rabbitbrush	PB	15	15	100	3.90E-01	2.70E+00	1.34E+00	6.42E-01	1.63E+00	1.63E+00
	Rabbitbrush	SB	0	15	0	2.41E-01	2.65E-01	2.53E-01	9.61E-03	2.57E-01	2.65E-01
	Rabbitbrush	SE	0	15	0	2.05E-01	2.23E-01	2.13E-01	5.17E-03	2.16E-01	2.23E-01
	Rabbitbrush	V	10	15	67	3.94E-02	2.70E-01	9.72E-02	6.34E-02	1.26E-01	1.26E-01
	Rabbitbrush	ZN	15	15	100	7.10E+00	1.60E+01	1.12E+01	2.11E+00	1.22E+01	1.22E+01
	Sweetclover	AG	0	15	0	3.53E-02	3.56E-02	3.56E-02	2.09E-04	3.57E-02	3.60E-02
	Sweetclover	AL	14	15	93	5.64E+00	6.50E+01	3.38E+01	1.57E+01	4.10E+01	4.10E+01
	Sweetclover	AS	4	15	27	1.46E-01	4.90E-01	2.21E-01	1.30E-01	2.80E-01	2.80E-01
	Sweetclover	BA	15	15	100	7.10E+00	2.70E+01	1.30E+01	5.31E+00	1.54E+01	1.54E+01
	Sweetclover	BE	0	15	0	1.95E-03	2.00E-03	1.98E-03	2.58E-05	1.99E-03	2.00E-03
	Sweetclover	CD	1	15	7	6.31E-02	1.60E-01	7.08E-02	2.47E-02	8.20E-02	8.20E-02
	Sweetclover	CO	7	15	47	3.53E-02	2.00E-01	7.30E-02	5.02E-02	9.58E-02	9.58E-02
	Sweetclover	CR	15	15	100	1.60E-01	3.60E-01	2.25E-01	5.90E-02	2.52E-01	2.52E-01
	Sweetclover	CU	15	15	100	2.00E+00	1.38E+01	4.44E+00	3.21E+00	5.90E+00	5.90E+00
	Sweetclover	FE	15	15	100	1.13E+01	8.45E+01	3.87E+01	1.89E+01	4.73E+01	4.73E+01
	Sweetclover	HG	11	15	73	4.90E-03	2.00E-02	9.99E-03	4.64E-03	1.21E-02	1.21E-02
	Sweetclover	MN	15	15	100	4.10E+00	1.66E+01	9.71E+00	3.30E+00	1.12E+01	1.12E+01
	Sweetclover	NI	15	15	100	2.60E-01	1.30E+00	4.96E-01	3.04E-01	6.34E-01	6.34E-01
	Sweetclover	PB	15	15	100	2.90E-01	6.70E-01	4.49E-01	1.15E-01	5.02E-01	5.02E-01
	Sweetclover	SB	0	15	0	4.85E-01	5.00E-01	4.97E-01	4.39E-03	4.99E-01	5.00E-01
	Sweetclover	SE	0	15	0	2.96E-01	3.05E-01	3.02E-01	2.38E-03	3.03E-01	3.05E-01
	Sweetclover	V	0	15	0	6.08E-02	6.19E-02	6.13E-02	3.64E-04	6.15E-02	6.19E-02
	Sweetclover	ZN	15	15	100	2.00E+00	1.88E+01	4.54E+00	4.14E+00	6.42E+00	6.42E+00
	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-02
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-01
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+01
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E+00
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02

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Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
10 (cont.)	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E+00
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-01
	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E+01
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E+02
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E+02
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-02
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+00
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+01
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E+01
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	

Summary Statistics for Metals in Biota (continued)

SWMU	Matrix	Analyle	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
12 (cont.)	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
15	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+00
	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-01
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-02
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E+02
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E+01
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
1B	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E+00
	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-01
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E+00
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E+00
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E+01
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
1C	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-01
	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01

Summary Statistics for Metals in Biota (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
Number IC (cont.)											
Jackrabbit	CD	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-02
Jackrabbit	CU	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E+00
Jackrabbit	HG	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
Jackrabbit	ZN	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E+00
Jackrabbit	PB	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E+00
Jackrabbit	BE	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
Jackrabbit	CO	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
Jackrabbit	CR	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
Jackrabbit	FE	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
Jackrabbit	MN	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
Jackrabbit	NI	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
Jackrabbit	V	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
Jackrabbit	BA	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E+01
Jackrabbit	SE	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
Jackrabbit	SB	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-01
Jackrabbit	AL	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
Jackrabbit	AG	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
Jackrabbit	AS	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
Jackrabbit	CD	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E+00
Jackrabbit	CU	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E+01
Jackrabbit	HG	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-03
Jackrabbit	ZN	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E+01
Jackrabbit	PB	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E+02
Jackrabbit	BE	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
Jackrabbit	CO	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
Jackrabbit	CR	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
Jackrabbit	FE	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E+01
Jackrabbit	MN	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
Jackrabbit	NI	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
Jackrabbit	V	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
Jackrabbit	BA	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E+01
Jackrabbit	SE	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
Jackrabbit	SB	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E+00
Jackrabbit	AL	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
Jackrabbit	AG	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
Jackrabbit	AS	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
Jackrabbit	CD	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-02
Jackrabbit	CU	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E+00
Jackrabbit	HG	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-03
Jackrabbit	ZN	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E+00
Jackrabbit	PB	0	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E+00

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Summary Statistics for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
37 (cont.)	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E+00
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-01
	Jackrabbit	AL	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+00
	Jackrabbit	AG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	Jackrabbit	AS	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
	Jackrabbit	CD	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-01
	Jackrabbit	CU	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E+01
	Jackrabbit	HG	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
	Jackrabbit	ZN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E+00
	Jackrabbit	PB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E+02
	Jackrabbit	BE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	Jackrabbit	CO	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
	Jackrabbit	CR	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
	Jackrabbit	FE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-01
	Jackrabbit	MN	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
	Jackrabbit	NI	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
	Jackrabbit	V	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
	Jackrabbit	BA	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E+01
	Jackrabbit	SE	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-01
	Jackrabbit	SB	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E+01

Note.—Concentrations in µg/g (micrograms per gram) equivalent to ppm (parts per million).

*Not applicable.

^bItalics indicate that Cterm value represents modeled or calculated data.

Summary Statistics for Metals in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Number		% Detects	Standard			UCL 95	Cterm- µg/g
			of Detects	of Samples		Minimum	Maximum	Average		
10/11	Beetle	AG	0	2	0.00	0.041	0.042	0.042	0.043	0.042
	Beetle	AL	2	2	100.00	48.600	74.600	61.600	143.687	74.600
	Beetle	AS	2	2	100.00	1.500	2.300	1.900	4.426	2.300
	Beetle	BA	2	2	100.00	2.400	3.200	2.800	5.326	3.200
	Beetle	BE	0	2	0.00	0.002	0.002	0.002	0.002	0.002
	Beetle	CD	2	2	100.00	0.190	0.220	0.205	0.300	0.220
	Beetle	CO	2	2	100.00	0.070	0.110	0.090	0.216	0.110
	Beetle	CR	2	2	100.00	0.270	0.460	0.365	0.965	0.460
	Beetle	CU	2	2	100.00	7.100	7.200	7.150	7.466	7.200
	Beetle	FE	2	2	100.00	75.800	99.200	87.500	161.378	99.200
	Beetle	HG	2	2	100.00	0.020	0.020	0.020	NA ^(a)	0.020
	Beetle	MN	2	2	100.00	6.200	7.200	6.700	9.857	7.200
	Beetle	NI	0	2	0.00	0.194	0.196	0.195	0.202	0.196
	Beetle	PB	2	2	100.00	0.570	0.770	0.670	1.301	0.770
	Beetle	SB	2	2	100.00	0.240	0.280	0.260	0.386	0.280
	Beetle	SE	2	2	100.00	0.120	0.170	0.145	0.303	0.170
	Beetle	V	1	2	50.00	0.034	0.140	0.087	0.421	0.140
	Beetle	ZN	2	2	100.00	44.200	45.700	44.950	49.686	45.700
	Grasshopper	AG	0	3	0.00	0.041	0.042	0.042	0.042	0.042
	Grasshopper	AL	3	3	100.00	22.500	41.700	32.567	48.808	41.700
	Grasshopper	AS	2	3	66.67	0.089	0.280	0.186	0.348	0.280
	Grasshopper	BA	3	3	100.00	2.500	3.300	2.767	3.545	3.300
	Grasshopper	BE	0	3	0.00	0.00195	0.002	0.002	0.002	0.002
	Grasshopper	CD	3	3	100.00	0.2	0.26	0.233	0.285	0.26
	Grasshopper	CO	2	3	66.67	0.032845	0.07	0.058	0.094	0.07
	Grasshopper	CR	3	3	100.00	0.18	0.3	0.243	0.345	0.3
	Grasshopper	CU	3	3	100.00	32.8	38.7	36.267	41.464	38.7
	Grasshopper	FE	3	3	100.00	41.7	66.6	54.067	75.057	66.6
	Grasshopper	HG	2	3	66.67	0.0049	0.01	0.008	0.013	0.01
	Grasshopper	MN	1	3	33.33	1.9685	4.5	2.820	5.273	4.5
	Grasshopper	NI	0	3	0.00	0.1939	0.1962	0.195	0.197	0.1962
	Grasshopper	PB	3	3	100.00	0.47	0.87	0.630	0.987	0.87
	Grasshopper	SB	2	3	66.67	0.10395	0.29	0.225	0.401	0.29
	Grasshopper	SE	3	3	100.00	0.11	0.16	0.137	0.179	0.16
	Grasshopper	V	2	3	66.67	0.03485	0.09	0.068	0.118	0.09
	Grasshopper	ZN	3	3	100.00	56.1	58.3	57.433	59.409	58.3
12/15	Beetle	AG	0	1	0.00	0.042	0.042	0.042	NA	0.042
	Beetle	AL	1	1	100.00	37.6	37.6	37.6	NA	37.6
	Beetle	AS	1	1	100.00	2.9	2.9	2.9	NA	2.9
	Beetle	BA	1	1	100.00	1.9	1.9	1.9	NA	1.9
	Beetle	BE	0	1	0.00	0.002	0.002	0.002	NA	0.002

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
12/15 (cont.)	Beetle	CD	1	1	100.00	0.22	0.22	0.22	NA	NA	0.22
	Beetle	CO	1	1	100.00	0.07	0.07	0.07	NA	NA	0.07
	Beetle	CR	1	1	100.00	0.28	0.28	0.28	NA	NA	0.28
	Beetle	CU	1	1	100.00	7.6	7.6	7.6	NA	NA	7.6
	Beetle	FE	1	1	100.00	69.7	69.7	69.7	NA	NA	69.7
	Beetle	HG	1	1	100.00	0.02	0.02	0.02	NA	NA	0.02
	Beetle	MN	1	1	100.00	5.7	5.7	5.7	NA	NA	5.7
	Beetle	NI	1	1	100.00	0.4	0.4	0.4	NA	NA	0.4
	Beetle	PB	1	1	100.00	0.85	0.85	0.85	NA	NA	0.85
	Beetle	SB	0	1	0.00	0.10195	0.10195	0.10195	NA	NA	0.10195
	Beetle	SE	1	1	100.00	0.19	0.19	0.19	NA	NA	0.19
	Beetle	V	0	1	0.00	0.035	0.035	0.035	NA	NA	0.035
	Beetle	ZN	1	1	100.00	53	53	53	NA	NA	53
	Grasshopper	AG	0	5	0.00	0.04125	0.04175	0.04158	0.000	0.042	0.042
	Grasshopper	AL	5	5	100.00	29.5	37.7	32.5	3.506	35.843	35.843
	Grasshopper	AS	1	5	20.00	0.08795	0.22	0.11641	0.058	0.172	0.172
	Grasshopper	BA	5	5	100.00	1.6	2.6	2.2	0.505	2.681	2.600
	Grasshopper	BE	0	5	0.00	0.00195	0.002	0.00199	0.000	0.002	0.002
	Grasshopper	CD	5	5	100.00	0.17	0.32	0.238	0.067	0.302	0.302
1b/1c	Grasshopper	CO	3	5	60.00	0.0328	0.09	0.06312	0.028	0.090	0.090
	Grasshopper	CR	5	5	100.00	0.21	0.26	0.238	0.019	0.256	0.256
	Grasshopper	CU	5	5	100.00	20.4	25	22.78	2.089	24.771	24.771
	Grasshopper	FE	5	5	100.00	45.2	50	47.94	2.145	49.986	49.986
	Grasshopper	HG	1	5	20.00	0.00475	0.02	0.00791	0.007	0.014	0.014
	Grasshopper	MN	4	5	80.00	1.98805	5.4	4.01761	1.251	5.210	5.210
	Grasshopper	NI	1	5	20.00	0.1935	0.51	0.25789	0.141	0.392	0.392
	Grasshopper	PB	3	5	60.00	0.1476	0.57	0.32333	0.179	0.494	0.494
	Grasshopper	SB	5	5	100.00	0.2	0.29	0.25	0.037	0.285	0.285
	Grasshopper	SE	3	5	60.00	0.0463	0.16	0.09878	0.051	0.147	0.147
	Grasshopper	V	1	5	20.00	0.0344	0.08	0.04372	0.020	0.063	0.063
	Grasshopper	ZN	5	5	100.00	58	61.6	60.02	1.610	61.555	61.555
	Beetle	AG	0	1	0.00	0.04165	0.04165	0.04165	NA	NA	0.042
	Beetle	AL	1	1	100.00	135	135	135	NA	NA	135
	Beetle	AS	1	1	100.00	0.4	0.4	0.4	NA	NA	0.4
	Beetle	BA	1	1	100.00	10	10	10	NA	NA	10
	Beetle	BE	1	1	100.00	0.01	0.01	0.01	NA	NA	0.01
	Beetle	CD	1	1	100.00	0.42	0.42	0.42	NA	NA	0.42
	Beetle	CO	1	1	100.00	0.16	0.16	0.16	NA	NA	0.16
	Beetle	CR	1	1	100.00	0.51	0.51	0.51	NA	NA	0.51
	Beetle	CU	1	1	100.00	7	7	7	NA	NA	7
	Beetle	FE	1	1	100.00	150	150	150	NA	NA	150

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
lb/lc (cont.)	Beetle	HG	1	1	100.00	0.02	0.02	0.02	NA	NA	0.02
	Beetle	MN	1	1	100.00	14.4	14.4	14.4	NA	NA	14.4
	Beetle	NI	1	1	100.00	0.87	0.87	0.87	NA	NA	0.87
	Beetle	PB	1	1	100.00	0.85	0.85	0.85	NA	NA	0.85
	Beetle	SB	1	1	100.00	0.26	0.26	0.26	NA	NA	0.26
	Beetle	SE	0	1	0.00	0.05	0.05	0.05	NA	NA	0.05
	Beetle	V	1	1	100.00	0.19	0.19	0.19	NA	NA	0.19
	Beetle	ZN	1	1	100.00	35.8	35.8	35.8	NA	NA	35.8
	Grasshopper	AG	2	2	100.00	0.1	0.1	0.1	0.000	NA	0.1
	Grasshopper	AL	2	2	100.00	76.9	81.2	79.05	3.041	92.626	81.200
	Grasshopper	AS	0	2	0.00	0.0896	0.0896	0.0896	0.000	NA	0.090
	Grasshopper	BA	2	2	100.00	3.8	5.9	4.85	1.485	11.480	5.900
	Grasshopper	BE	2	2	100.00	0.01	0.01	0.01	0.000	NA	0.010
	Grasshopper	CD	2	2	100.00	0.4	0.79	0.595	0.276	1.826	0.790
	Grasshopper	CO	2	2	100.00	0.13	0.14	0.135	0.007	0.167	0.140
	Grasshopper	CR	2	2	100.00	0.25	0.3	0.275	0.035	0.433	0.300
	Grasshopper	CU	2	2	100.00	26.9	31.5	29.2	3.253	43.723	31.500
	Grasshopper	FE	2	2	100.00	90	95.5	92.75	3.889	110.115	95.500
	Grasshopper	HG	2	2	100.00	0.01	0.02	0.015	0.007	0.047	0.020
	Grasshopper	MN	2	2	100.00	7.2	8	7.6	0.566	10.126	8.000
	Grasshopper	NI	0	2	0.00	0.19465	0.1962	0.195425	0.001	0.200	0.196
	Grasshopper	PB	2	2	100.00	0.34	0.38	0.36	0.028	0.486	0.380
	Grasshopper	SB	0	2	0.00	0.0972	0.10395	0.100575	0.005	0.122	0.104
	Grasshopper	SE	2	2	100.00	0.17	0.17	0.17	0.000	NA	0.170
	Grasshopper	V	2	2	100.00	0.13	0.14	0.135	0.007	0.167	0.140
	Grasshopper	ZN	2	2	100.00	52	60.8	56.4	6.223	84.183	60.800
21/37	Beetle	AG	0	1	0.00	0.04185	0.04185	0.04185	NA	NA	0.042
	Beetle	AL	1	1	100.00	71	71	71	NA	NA	71
	Beetle	AS	1	1	100.00	1.3	1.3	1.3	NA	NA	1.3
	Beetle	BA	1	1	100.00	6.6	6.6	6.6	NA	NA	6.6
	Beetle	BE	0	1	0.00	0.002	0.002	0.002	NA	NA	0.002
	Beetle	CD	1	1	100.00	0.91	0.91	0.91	NA	NA	0.91
	Beetle	CO	1	1	100.00	0.09	0.09	0.09	NA	NA	0.09
	Beetle	CR	1	1	100.00	0.32	0.32	0.32	NA	NA	0.32
	Beetle	CU	1	1	100.00	10.5	10.5	10.5	NA	NA	10.5
	Beetle	FE	1	1	100.00	93.7	93.7	93.7	NA	NA	93.7
	Beetle	HG	1	1	100.00	0.03	0.03	0.03	NA	NA	0.03
	Beetle	MN	1	1	100.00	7.4	7.4	7.4	NA	NA	7.4
	Beetle	NI	1	1	100.00	0.45	0.45	0.45	NA	NA	0.45
	Beetle	PB	1	1	100.00	14.1	14.1	14.1	NA	NA	14.1
	Beetle	SB	0	1	0.00	0.10395	0.10395	0.10395	NA	NA	0.10395

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- µg/g
21/37 (cont.)	Beetle	SE	1	1	100.00	0.12	0.12	0.12	NA	NA	0.12
	Beetle	V	1	1	100.00	0.1	0.1	0.1	NA	NA	0.1
	Beetle	ZN	1	1	100.00	43	43	43	NA	NA	43
	Grasshopper	AG	1	4	25.00	0.0414	0.09	0.053825	0.024	0.082	0.082
	Grasshopper	AL	4	4	100.00	27.4	37.5	32.175	4.807	37.830	37.500
	Grasshopper	AS	0	4	0.00	0.08715	0.0896	0.088175	0.001	0.090	0.090
	Grasshopper	BA	4	4	100.00	1.9	3	2.275	0.499	2.862	2.862
	Grasshopper	BE	0	4	0.00	0.00195	0.002	0.0019875	0.000	0.002	0.002
	Grasshopper	CD	4	4	100.00	0.34	0.6	0.44	0.119	0.580	0.580
	Grasshopper	CO	2	4	50.00	0.033	0.07	0.0515	0.021	0.077	0.070
	Grasshopper	CR	4	4	100.00	0.21	0.24	0.2325	0.015	0.250	0.240
	Grasshopper	CU	4	4	100.00	32	39.5	35.3	3.295	39.177	39.177
	Grasshopper	FE	4	4	100.00	45.5	54.5	51.025	3.908	55.623	54.500
	Grasshopper	HG	3	4	75.00	0.00475	0.01	0.0086875	0.003	0.012	0.010
	Grasshopper	MN	4	4	100.00	4.3	5.7	4.85	0.597	5.553	5.553
	Grasshopper	NI	0	4	0.00	0.1943	0.197	0.196225	0.001	0.198	0.197
	Grasshopper	PB	4	4	100.00	0.51	1.2	0.8	0.312	1.167	1.167
	Grasshopper	SB	0	4	0.00	0.10195	0.10395	0.10245	0.001	0.104	0.104
	Grasshopper	SE	4	4	100.00	0.18	0.6	0.295	0.204	0.534	0.534
	Grasshopper	V	0	4	0.00	0.0345	0.035	0.0348625	0.000	0.035	0.035
	Grasshopper	ZN	4	4	100.00	55.3	60.6	57.65	2.210	60.250	60.250
42/45	Beetle	AG	0	2	0.00	0.04165	0.0419	0.041775	0.000	0.043	0.042
	Beetle	AL	2	2	100.00	69.2	117	93.1	33.800	244.014	117
	Beetle	AS	2	2	100.00	2.3	2.8	2.55	0.354	4.129	2.8
	Beetle	BA	2	2	100.00	3.5	5.7	4.6	1.556	11.546	5.7
	Beetle	BE	0	2	0.00	0.002	0.002	0.002	0.000	NA	0.002
	Beetle	CD	2	2	100.00	0.28	0.44	0.36	0.113	0.865	0.44
	Beetle	CO	2	2	100.00	0.12	0.15	0.135	0.021	0.230	0.15
	Beetle	CR	2	2	100.00	0.36	0.48	0.42	0.085	0.799	0.48
	Beetle	CU	2	2	100.00	8.4	12.2	10.3	2.687	22.297	12.2
	Beetle	FE	2	2	100.00	94.7	148	121.35	37.689	289.629	148
	Beetle	HG	2	2	100.00	0.02	0.03	0.025	0.007	0.057	0.03
	Beetle	MN	2	2	100.00	9.2	11.3	10.25	1.485	16.880	11.3
	Beetle	NI	2	2	100.00	0.48	0.88	0.68	0.283	1.943	0.88
	Beetle	PB	2	2	100.00	2.5	3.9	3.2	0.990	7.620	3.9
	Beetle	SB	1	2	50.00	0.0972	0.59	0.3436	0.348	1.899	0.59
	Beetle	SE	2	2	100.00	0.17	0.17	0.17	0.000	NA	0.17
	Beetle	V	2	2	100.00	0.17	0.24	0.205	0.049	0.426	0.24
	Beetle	ZN	2	2	100.00	53.5	56.9	55.2	2.404	65.934	56.9
	Grasshopper	AG	0	3	0.00	0.0414	0.04175	0.042	0.000	0.042	0.04175
	Grasshopper	AL	3	3	100.00	13.7	16.3	15.333	1.422	17.731	16.3

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ug/g
42/45 (cont.)	Grasshopper	AS	0	3	0.00	0.0905	0.095	0.093	0.002	0.097	0.095
	Grasshopper	BA	3	3	100.00	1.1	1.5	1.333	0.208	1.684	1.5
	Grasshopper	BE	0	3	0.00	0.00195	0.002	0.002	0.000	0.002	0.002
	Grasshopper	CD	3	3	100.00	0.29	0.36	0.327	0.035	0.386	0.36
	Grasshopper	CO	0	3	0.00	0.03255	0.0328	0.033	0.000	0.033	0.0328
	Grasshopper	CR	3	3	100.00	0.17	0.22	0.197	0.025	0.239	0.22
	Grasshopper	CU	3	3	100.00	21.5	24.2	22.567	1.436	24.988	24.2
	Grasshopper	FE	3	3	100.00	29.4	34	32.433	2.627	36.863	34
	Grasshopper	HG	3	3	100.00	0.01	0.01	0.01	0.000	0.01	0.01
	Grasshopper	MN	0	3	0.00	1.9724	1.98805	1.980	0.008	1.993	1.988
	Grasshopper	NI	3	3	100.00	0.75	0.79	0.773	0.021	0.808	0.79
	Grasshopper	PB	3	3	100.00	0.36	0.57	0.437	0.116	0.632	0.57
	Grasshopper	SB	0	3	0.00	0.1	0.105	0.103	0.003	0.107	0.105
	Grasshopper	SE	3	3	100.00	0.12	0.19	0.147	0.038	0.210	0.19
	Grasshopper	V	0	3	0.00	0.0345	0.0348	0.035	0.000	0.035	0.0348
	Grasshopper	ZN	3	3	100.00	58.8	60.5	59.433	0.929	61.000	60.5
RSA	Beetle	AG	0	3	0.00	0.0415	0.0419	0.042	0.000	0.042	0.0419
	Beetle	AL	3	3	100.00	156	194	173.667	19.140	205.934	194
	Beetle	AS	3	3	100.00	0.35	0.48	0.423	0.067	0.536	0.48
	Beetle	BA	3	3	100.00	2	2.6	2.267	0.306	2.782	2.6
	Beetle	BE	3	3	100.00	0.01	0.01	0.01	0.000	0.01	0.01
	Beetle	CD	3	3	100.00	0.11	0.15	0.137	0.023	0.176	0.15
	Beetle	CO	3	3	100.00	0.12	0.15	0.14	0.017	0.169	0.15
	Beetle	CR	3	3	100.00	0.34	0.43	0.387	0.045	0.463	0.43
	Beetle	CU	3	3	100.00	5.1	5.7	5.4	0.300	5.906	5.7
	Beetle	FE	3	3	100.00	185	213	198.667	14.012	222.289	213
	Beetle	HG	3	3	100.00	0.01	0.01	0.01	0.000	0.01	0.01
	Beetle	MN	3	3	100.00	8.4	10.4	9.467	1.007	11.164	10.4
	Beetle	NI	3	3	100.00	0.4	1	0.687	0.301	1.194	1
	Beetle	PB	2	3	66.67	0.15345	0.48	0.311	0.164	0.587	0.48
	Beetle	SB	1	3	33.33	0.09905	0.21	0.137	0.063	0.244	0.21
	Beetle	SE	2	3	66.67	0.0495	0.13	0.093	0.041	0.162	0.13
	Beetle	V	3	3	100.00	0.27	0.31	0.293	0.021	0.328	0.31
	Beetle	ZN	3	3	100.00	39.1	43.2	40.967	2.074	44.464	43.2
	Grasshopper	AG	1	10	10.00	0.04125	0.1	0.047	0.018	0.058	0.058
	Grasshopper	AL	10	10	100.00	38.6	71.2	57	9.369	62.431	62.431
	Grasshopper	AS	0	10	0.00	0.08795	0.09405	0.091	0.002	0.092	0.094
	Grasshopper	BA	10	10	100.00	1.5	2.4	1.83	0.283	1.994	1.994
	Grasshopper	BE	0	10	0.00	0.00195	0.002	0.002	0.000	0.002	0.002
	Grasshopper	CD	10	10	100.00	0.11	0.79	0.4	0.174	0.501	0.501
	Grasshopper	CO	10	10	100.00	0.08	0.15	0.103	0.019	0.114	0.114

Summary Statistics for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL ₉₅	Cterm- µg/g
RSA (cont.)		CR	10	10	100.00	0.25	0.47	0.328	0.068	0.368	0.368
	Grasshopper	CU	10	10	100.00	16.8	23.2	20.02	2.053	21.210	21.210
	Grasshopper	FE	10	10	100.00	55.1	89.6	74.19	9.607	79.759	79.759
	Grasshopper	HG	9	10	90.00	0.004795	0.01	0.0094795	0.002	0.010	0.010
	Grasshopper	MIN	10	10	100.00	4.7	7.9	5.94	1.006	6.523	6.523
	Grasshopper	NI	8	10	80.00	0.19465	0.66	0.43105	0.141	0.513	0.513
	Grasshopper	PB	8	10	80.00	0.1435	0.79	0.4114	0.193	0.523	0.523
	Grasshopper	SB	0	10	0.00	0.0972	0.105	0.1023	0.003	0.104	0.105
	Grasshopper	SE	9	10	90.00	0.0463	0.23	0.16863	0.057	0.201	0.201
	Grasshopper	V	10	10	100.00	0.08	0.14	0.113	0.018	0.123	0.123
	Grasshopper	ZN	10	10	100.00	49.5	67.9	54.83	5.070	57.769	57.769

Note.— Concentrations in µg/g (micrograms per gram) equivalent to ppm (parts per million).

*Not applicable.

Final Hazard Quotients for Metals in Biota

SWMU	Matrix	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil
Number				Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer				Fauna
10	Gumweed	AG	4.40E-02	7.75E-05	2.05E-06	4.08E-06	4.08E-06	2.16E-03	1.63E-06	2.21E-05	1.50E-06	3.95E-02	ND
	Gumweed	AL	ND ^(a)	ND	ND	ND	ND	3.44E+00	4.04E-03	3.52E-02	2.99E-03	2.11E-01	5.50E-02
	Gumweed	AS	1.56E-01	2.75E-04	7.27E-06	1.45E-05	1.45E-05	9.23E-02	4.04E-03	1.58E-03	1.07E-04	3.15E-02	5.25E-03
	Gumweed	BA	7.94E-01	1.40E-03	3.70E-05	7.39E-05	7.39E-05	1.04E+00	1.64E-04	1.78E-02	1.21E-03	2.22E-02	ND
	Gumweed	BE	2.15E-04	3.78E-07	9.99E-09	2.00E-08	2.00E-08	7.88E-05	1.24E-07	1.34E-06	9.14E-08	3.00E-04	ND
	Gumweed	CD	2.19E+00	3.85E-03	1.02E-04	1.89E-04	1.89E-04	9.19E-02	1.44E-04	1.56E-03	1.06E-04	6.83E-02	1.03E-02
	Gumweed	CO	8.26E-04	1.45E-06	3.85E-08	7.69E-08	7.69E-08	4.65E-01	7.00E-04	7.61E-03	6.47E-04	5.00E-03	ND
	Gumweed	CR	1.76E+00	3.10E-03	8.20E-05	1.64E-04	1.64E-04	3.07E-02	2.89E-03	3.14E-04	1.71E-05	4.40E-03	8.23E-01
	Gumweed	CU	1.00E+00	1.77E-03	4.67E-05	9.35E-05	9.35E-05	1.90E+00	1.78E-03	1.94E-02	1.06E-03	8.00E-02	9.55E-02
	Gumweed	FE	2.63E+00	4.67E-03	1.23E-04	2.47E-04	2.47E-04	8.50E+00	1.33E-02	1.45E-01	9.84E-03	ND	1.49E-01
	Gumweed	HG	2.78E-02	4.88E-05	1.29E-06	2.58E-06	2.58E-06	1.13E-02	1.35E-05	1.46E-04	9.96E-06	3.33E-02	1.00E-02
	Gumweed	MN	3.89E-01	6.85E-04	1.81E-05	3.62E-05	3.62E-05	3.85E-01	6.04E-04	6.57E-03	4.46E-04	4.60E-02	ND
	Gumweed	NI	1.07E-01	1.89E-04	5.00E-06	9.99E-06	9.99E-06	1.59E-02	2.49E-05	2.71E-04	1.84E-05	1.80E-03	2.25E-03
	Gumweed	PB	4.79E-01	1.68E-04	2.23E-05	3.57E-05	3.57E-05	2.80E-01	4.38E-04	4.76E-03	3.24E-04	2.02E-03	1.65E-03
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	4.81E-04	5.23E-03	3.56E-04	3.30E-02	ND
	Gumweed	SE	3.04E+00	5.35E-03	1.42E-04	2.63E-04	2.63E-04	2.12E+00	2.49E-03	2.71E-02	1.84E-03	2.85E-01	4.07E-03
	Gumweed	V	ND	ND	ND	ND	ND	1.33E-01	9.93E-05	1.36E-03	9.11E-05	9.50E-02	ND
	Gumweed	ZN	6.17E+00	1.09E-02	2.87E-04	5.74E-04	5.74E-04	1.31E+00	9.88E-04	1.34E-02	9.14E-04	4.80E-01	1.20E-01
	Rabbitbrush	AG	4.49E-02	7.90E-05	2.09E-06	4.16E-06	4.16E-06	2.20E-03	1.66E-06	2.25E-05	1.53E-06	4.03E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	3.12E+00	3.68E-03	3.20E-02	2.72E-03	1.92E-01	5.00E-02
	Rabbitbrush	AS	2.38E-01	4.19E-04	1.11E-05	2.21E-05	2.21E-05	1.41E-01	2.21E-04	2.40E-03	1.63E-04	4.80E-02	8.00E-03
	Rabbitbrush	BA	4.44E-01	7.80E-04	2.06E-05	4.13E-05	4.13E-05	5.82E-01	9.16E-04	9.96E-03	6.74E-04	1.24E-02	ND
	Rabbitbrush	BE	2.15E-04	3.78E-07	9.99E-09	2.00E-08	2.00E-08	7.88E-05	1.24E-07	1.34E-06	9.14E-08	3.00E-04	ND
	Rabbitbrush	CD	1.17E+00	2.07E-03	5.47E-05	1.02E-04	1.02E-04	4.93E-02	7.70E-05	8.37E-04	5.69E-05	3.67E-02	5.50E-03
	Rabbitbrush	CO	3.94E-04	6.93E-07	1.83E-08	3.67E-08	3.67E-08	2.22E-01	3.34E-04	3.63E-03	3.09E-04	2.39E-03	ND
	Rabbitbrush	CR	1.65E+00	2.91E-03	7.70E-05	1.54E-04	1.54E-04	2.88E-02	2.71E-05	2.95E-04	1.60E-05	4.13E-03	7.75E-01
	Rabbitbrush	CU	1.23E+00	2.16E-03	5.72E-05	1.14E-04	1.14E-04	2.32E+00	2.18E-03	2.38E-02	1.29E-03	9.80E-02	1.17E-01
	Rabbitbrush	FE	2.42E+00	4.26E-03	1.13E-04	2.25E-04	2.25E-04	7.76E+00	1.22E-02	1.32E-01	8.98E-03	ND	1.36E-01
	Rabbitbrush	HG	5.55E-02	9.77E-05	2.58E-06	5.17E-06	5.17E-06	2.23E-02	2.69E-05	2.93E-04	1.99E-05	6.67E-02	2.00E-02
	Rabbitbrush	MN	3.57E-01	6.28E-04	1.66E-05	3.32E-05	3.32E-05	3.53E-01	5.54E-04	6.02E-03	4.09E-04	4.22E-02	ND
	Rabbitbrush	NI	1.69E-01	2.98E-04	7.88E-06	1.58E-05	1.58E-05	2.51E-02	3.93E-05	4.28E-04	2.91E-05	2.84E-03	3.55E-03
	Rabbitbrush	PB	8.14E-01	2.86E-04	3.79E-05	6.07E-05	6.07E-05	4.75E-01	7.44E-04	8.09E-03	5.50E-04	3.44E-03	2.81E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.74E-01	7.43E-04	8.08E-03	5.50E-04	5.10E-02	ND
	Rabbitbrush	SE	2.22E+00	3.91E-03	1.04E-04	1.92E-04	1.92E-04	1.55E+00	1.82E-03	1.98E-02	1.35E-03	2.08E-01	2.98E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	1.54E-01	1.15E-04	1.58E-03	1.05E-04	1.10E-01	ND
	Rabbitbrush	ZN	5.96E+00	1.05E-02	2.78E-04	5.55E-04	5.55E-04	1.27E+00	9.55E-04	1.30E-02	8.83E-04	4.64E-01	1.16E-01
11	Gumweed	AG	4.40E-02	1.16E-04	3.07E-06	6.11E-06	6.11E-06	2.16E-03	2.44E-06	3.31E-05	2.25E-06	3.94E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	3.33E+00	5.87E-03	5.10E-02	4.34E-03	2.04E-01	5.32E-02
	Gumweed	AS	1.53E-01	4.04E-04	1.07E-05	2.14E-05	2.14E-05	9.05E-02	2.13E-04	2.32E-03	1.58E-04	3.09E-02	5.15E-03
	Gumweed	BA	8.30E-01	2.19E-03	5.79E-05	1.16E-04	1.16E-04	1.09E+00	2.57E-03	2.79E-02	1.89E-03	2.32E-02	ND
	Gumweed	BE	2.15E-04	5.66E-07	1.50E-08	3.00E-08	3.00E-08	7.88E-05	1.85E-07	2.01E-06	1.37E-07	3.00E-04	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines		American Kestrel		Great Horned Owl		Golden Eagle		Bald Eagle		Deer Mouse		Mule Deer		Jackrabbit		Kit Fox		Plants		Soil Fauna	
			AG	ND	7.75E-05	2.05E-06	ND	4.08E-06	ND	4.08E-06	ND	4.08E-06	2.16E-03	3.44E+00	1.63E-06	4.04E-03	2.21E-05	1.50E-06	1.50E-06	3.95E-02	2.11E-01	5.50E-02	ND	
10	Gumweed	AL	4.40E-02	ND	7.75E-05	2.05E-06	ND	4.08E-06	ND	4.08E-06	ND	4.08E-06	2.16E-03	3.44E+00	1.63E-06	4.04E-03	2.21E-05	1.50E-06	1.50E-06	3.95E-02	2.11E-01	5.50E-02	ND	
	Gumweed	AS	1.56E-01	ND	2.75E-04	7.27E-06	ND	1.45E-05	ND	1.45E-05	ND	1.45E-05	9.23E-02	9.23E-02	4.04E-03	3.52E-02	2.99E-03	2.99E-03	2.99E-03	2.11E-01	5.50E-02	5.50E-02	ND	
	Gumweed	BA	7.94E-01	ND	1.40E-03	3.70E-05	ND	7.39E-05	ND	7.39E-05	ND	7.39E-05	1.04E+00	1.04E+00	1.45E-04	1.58E-03	1.07E-04	1.07E-04	1.07E-04	3.15E-02	5.25E-03	5.25E-03	ND	
	Gumweed	BE	2.15E-04	ND	3.78E-07	9.99E-09	ND	2.00E-08	ND	2.00E-08	ND	2.00E-08	7.88E-05	7.88E-05	1.24E-07	1.78E-02	1.21E-03	1.21E-03	1.21E-03	2.22E-02	ND	ND	ND	
	Gumweed	CD	2.19E+00	ND	3.85E-03	1.02E-04	ND	1.89E-04	ND	1.89E-04	ND	1.89E-04	9.19E-02	9.19E-02	1.44E-04	1.34E-06	9.14E-08	9.14E-08	9.14E-08	3.00E-04	ND	ND	ND	
	Gumweed	CO	8.26E-04	ND	1.45E-06	3.85E-08	ND	7.69E-08	ND	7.69E-08	ND	7.69E-08	4.63E-01	4.63E-01	7.00E-04	6.83E-02	1.06E-04	1.06E-04	1.06E-04	6.83E-02	1.03E-02	1.03E-02	ND	
	Gumweed	CR	1.76E+00	ND	3.10E-03	8.20E-05	ND	1.64E-04	ND	1.64E-04	ND	1.64E-04	3.07E-02	3.07E-02	2.89E-05	5.00E-03	6.47E-04	6.47E-04	6.47E-04	5.00E-03	ND	ND	ND	
	Gumweed	CU	1.00E+00	ND	1.77E-03	4.67E-05	ND	9.35E-05	ND	9.35E-05	ND	9.35E-05	1.90E+00	1.90E+00	1.78E-03	4.40E-03	1.71E-05	1.71E-05	1.71E-05	4.40E-03	8.23E-01	8.23E-01	ND	
	Gumweed	FE	2.65E+00	ND	4.67E-03	1.23E-04	ND	2.47E-04	ND	2.47E-04	ND	2.47E-04	8.30E+00	8.30E+00	1.33E-02	8.00E-02	1.06E-03	1.06E-03	1.06E-03	8.00E-02	9.53E-02	9.53E-02	ND	
	Gumweed	HG	2.78E-02	ND	4.88E-05	1.29E-06	ND	2.58E-06	ND	2.58E-06	ND	2.58E-06	1.13E-02	1.13E-02	1.35E-05	3.33E-02	9.84E-03	9.84E-03	9.84E-03	3.33E-02	ND	1.00E-02	1.00E-02	
	Gumweed	MN	3.89E-01	ND	6.85E-04	1.81E-05	ND	3.62E-05	ND	3.62E-05	ND	3.62E-05	3.85E-01	3.85E-01	6.04E-04	4.65E-04	9.96E-06	9.96E-06	9.96E-06	4.65E-04	1.80E-03	2.25E-03	2.25E-03	
	Gumweed	NI	1.07E-01	ND	1.89E-04	5.00E-06	ND	9.99E-06	ND	9.99E-06	ND	9.99E-06	1.59E-02	1.59E-02	2.49E-05	2.71E-04	3.24E-04	3.24E-04	3.24E-04	2.02E-03	1.65E-03	1.65E-03	ND	
	Gumweed	PB	4.79E-01	ND	1.68E-04	2.23E-05	ND	3.57E-05	ND	3.57E-05	ND	3.57E-05	2.80E-01	2.80E-01	4.38E-04	4.76E-03	3.07E-01	3.07E-01	3.07E-01	3.30E-02	ND	ND	ND	
	Gumweed	SB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.07E-01	3.07E-01	4.81E-04	5.23E-03	2.71E-02	2.71E-02	2.71E-02	2.85E-01	4.07E-03	4.07E-03	ND	
	Gumweed	SE	3.04E+00	ND	5.35E-03	1.42E-04	ND	2.63E-04	ND	2.63E-04	ND	2.63E-04	2.12E+00	2.12E+00	2.49E-03	2.71E-02	9.11E-05	9.11E-05	9.11E-05	9.50E-02	ND	1.20E-01	1.20E-01	
	Gumweed	V	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.33E-01	1.33E-01	9.93E-05	1.36E-03	9.11E-05	9.11E-05	9.11E-05	9.50E-02	ND	ND	ND	
	Gumweed	ZN	6.17E+00	ND	1.09E-02	2.87E-04	ND	5.74E-04	ND	5.74E-04	ND	5.74E-04	1.31E+00	1.31E+00	9.88E-04	1.34E-02	9.14E-04	9.14E-04	9.14E-04	4.80E-01	1.20E-01	1.20E-01	ND	
	Rabbitbrush	AG	4.49E-02	ND	7.90E-05	2.09E-06	ND	4.16E-06	ND	4.16E-06	ND	4.16E-06	2.20E-03	2.20E-03	1.66E-06	2.25E-05	1.53E-06	1.53E-06	1.53E-06	4.03E-02	ND	ND	ND	
	Rabbitbrush	AL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.12E+00	3.12E+00	3.68E-03	3.20E-02	2.72E-03	2.72E-03	2.72E-03	1.92E-01	5.00E-02	8.00E-03	8.00E-03	
	Rabbitbrush	AS	2.38E-01	ND	4.19E-04	1.11E-05	ND	2.21E-05	ND	2.21E-05	ND	2.21E-05	1.41E-01	1.41E-01	2.21E-04	2.40E-03	1.63E-04	1.63E-04	1.63E-04	4.80E-02	ND	ND	ND	
	Rabbitbrush	BA	4.44E-01	ND	7.80E-04	2.06E-05	ND	4.13E-05	ND	4.13E-05	ND	4.13E-05	5.82E-01	5.82E-01	9.16E-04	9.96E-03	6.74E-04	6.74E-04	6.74E-04	1.24E-02	ND	ND	ND	
	Rabbitbrush	BE	2.15E-04	ND	3.78E-07	9.99E-09	ND	2.00E-08	ND	2.00E-08	ND	2.00E-08	7.88E-05	7.88E-05	1.24E-07	1.34E-06	9.14E-08	9.14E-08	9.14E-08	3.00E-04	ND	ND	ND	
	Rabbitbrush	CD	1.17E+00	ND	2.07E-03	5.47E-05	ND	1.02E-04	ND	1.02E-04	ND	1.02E-04	4.93E-02	4.93E-02	7.70E-05	8.37E-04	5.69E-05	5.69E-05	5.69E-05	3.67E-02	5.50E-03	5.50E-03	ND	
	Rabbitbrush	CO	3.94E-04	ND	6.93E-07	1.83E-08	ND	3.67E-08	ND	3.67E-08	ND	3.67E-08	2.22E-01	2.22E-01	3.34E-04	3.63E-03	3.09E-04	3.09E-04	3.09E-04	2.39E-03	ND	ND	ND	
	Rabbitbrush	CR	1.65E+00	ND	2.91E-03	7.70E-05	ND	1.54E-04	ND	1.54E-04	ND	1.54E-04	2.88E-02	2.88E-02	2.71E-05	2.95E-04	1.60E-05	1.60E-05	1.60E-05	2.39E-03	ND	ND	ND	
	Rabbitbrush	CU	1.23E+00	ND	2.16E-03	5.72E-05	ND	1.14E-04	ND	1.14E-04	ND	1.14E-04	2.32E+00	2.32E+00	2.18E-03	2.38E-02	1.29E-03	1.29E-03	1.29E-03	9.80E-02	1.17E-01	1.17E-01	ND	
	Rabbitbrush	FE	2.42E+00	ND	4.26E-03	1.13E-04	ND	2.25E-04	ND	2.25E-04	ND	2.25E-04	7.76E+00	7.76E+00	1.22E-02	1.32E-01	8.98E-03	8.98E-03	8.98E-03	ND	1.36E-01	1.36E-01	ND	
	Rabbitbrush	HG	5.55E-02	ND	9.77E-05	2.58E-06	ND	5.17E-06	ND	5.17E-06	ND	5.17E-06	2.25E-02	2.25E-02	2.69E-05	2.93E-04	1.99E-05	1.99E-05	1.99E-05	6.67E-02	2.00E-02	2.00E-02	ND	
	Rabbitbrush	MN	3.57E-01	ND	6.28E-04	1.66E-05	ND	3.32E-05	ND	3.32E-05	ND	3.32E-05	3.53E-01	3.53E-01	5.54E-04	6.02E-03	4.09E-04	4.09E-04	4.09E-04	4.22E-02	ND	ND	ND	
	Rabbitbrush	NI	1.69E-01	ND	2.98E-04	7.88E-06	ND	1.58E-05	ND	1.58E-05	ND	1.58E-05	2.51E-02	2.51E-02	3.93E-05	4.28E-04	2.91E-05	2.91E-05	2.91E-05	2.84E-03	3.55E-03	3.55E-03	ND	
Rabbitbrush	PB	8.14E-01	ND	2.86E-04	3.79E-05	ND	6.07E-05	ND	6.07E-05	ND	6.07E-05	4.75E-01	4.75E-01	7.44E-04	8.09E-03	5.50E-04	5.50E-04	5.50E-04	3.44E-03	2.81E-03	2.81E-03	ND		
Rabbitbrush	SB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.74E-01	4.74E-01	7.43E-04	8.08E-03	5.50E-04	5.50E-04	5.50E-04	5.10E-02	ND	ND	ND		
Rabbitbrush	SE	2.22E+00	ND	3.91E-03	1.04E-04	ND	1.92E-04	ND	1.92E-04	ND	1.92E-04	1.55E+00	1.55E+00	1.82E-03	1.98E-02	1.35E-03	1.35E-03	1.35E-03	2.08E-01	2.98E-03	2.98E-03	ND		
Rabbitbrush	V	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.54E-01	1.54E-01	1.15E-04	1.58E-03	1.05E-04	1.05E-04	1.05E-04	1.10E-01	ND	ND	ND		
Rabbitbrush	ZN	5.96E+00	ND	1.05E-02	2.78E-04	ND	5.55E-04	ND	5.55E-04	ND	5.55E-04	1.27E+00	1.27E+00	9.55E-04	1.30E-02	8.83E-04	8.83E-04	8.83E-04	4.64E-01	1.16E-01	1.16E-01	ND		
Gumweed	AG	4.40E-02	ND	1.16E-04	3.07E-06	ND	6.11E-06	ND	6.11E-06	ND	6.11E-06	2.16E-03	2.16E-03	2.44E-06	3.31E-05	2.25E-06	2.25E-06	2.25E-06	3.94E-02	ND	ND	ND		
Gumweed	AL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.33E+00	3.33E+00	5.87E-03	5.10E-02	4.34E-03	4.34E-03	4.34E-03	2.04E-01	5.32E-02	5.32E-02	ND		
Gumweed	AS	1.53E-01	ND	4.04E-04	1.07E-05	ND	2.14E-05	ND	2.14E-05	ND	2.14E-05	9.05E-02	9.05E-02	2.13E-04	2.32E-03	1.58E-04	1.58E-04	1.58E-04	3.09E-02	5.15E-03	5.15E-03	ND		
Gumweed	BA	8.30E-01	ND	2.19E-03	5.79E-05	ND	1.16E-04	ND	1.16E-04	ND	1.16E-04	1.09E+00	1.09E+00	2.57E-03	2.79E-02	1.89E-03	1.89E-03	1.89E-03	2.32E-02	ND	ND	ND		
Gumweed	BE	2.15E-04	ND	5.66E-07	1.50E-08	ND	3.00E-08	ND	3.00E-08	ND	3.00E-08	7.88E-05	7.88E-05	1.85E-07	2.01E-06	1.37E-07	1.37E-07	1.37E-07	3.00E-04	ND	ND	ND		

Final Hazard Quotients for Metals in Biota (continued)

SWMU	Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
11 (cont.)	Gumweed	CD	2.15E+00	5.66E-03	1.50E-04	2.78E-04	2.78E-04	2.78E-04	9.01E-02	2.11E-04	2.29E-03	1.56E-04	6.70E-02	1.01E-02
	Gumweed	CO	3.21E-04	8.48E-07	2.24E-08	4.49E-08	4.49E-08	4.49E-08	1.81E-01	4.08E-04	4.44E-03	3.78E-04	1.94E-03	ND
	Gumweed	CR	1.65E+00	4.37E-03	1.16E-04	2.31E-04	2.31E-04	2.31E-04	2.88E-02	4.07E-05	4.42E-04	2.41E-05	4.13E-03	7.75E-01
	Gumweed	CU	1.19E+00	3.15E-03	8.32E-05	1.66E-04	1.66E-04	1.66E-04	2.25E+00	3.18E-03	3.45E-02	1.88E-03	9.50E-02	1.13E-01
	Gumweed	FE	2.17E+00	5.73E-03	1.52E-04	3.03E-04	3.03E-04	3.03E-04	6.96E+00	1.64E-02	1.78E-01	1.21E-02	ND	1.22E-01
	Gumweed	HG	2.72E-02	7.18E-05	1.90E-06	3.80E-06	3.80E-06	3.80E-06	1.10E-02	1.98E-05	2.15E-04	1.46E-05	3.27E-02	9.80E-03
	Gumweed	MN	3.10E-01	8.18E-04	2.16E-05	4.33E-05	4.33E-05	4.33E-05	3.06E-01	7.21E-04	7.84E-03	5.33E-04	3.66E-02	ND
	Gumweed	NI	1.34E-01	3.52E-04	9.32E-06	1.86E-05	1.86E-05	1.86E-05	1.98E-02	4.63E-05	5.06E-04	3.44E-05	2.24E-03	2.80E-03
	Gumweed	PB	6.70E-01	3.54E-04	4.68E-05	7.50E-05	7.50E-05	7.50E-05	3.92E-01	9.19E-04	9.99E-03	6.80E-04	2.83E-03	2.31E-03
	Gumweed	SB	ND	ND	ND	ND	ND	ND	3.07E-01	7.22E-04	7.85E-03	5.34E-04	3.30E-02	ND
	Gumweed	SE	2.98E+00	7.87E-03	2.08E-04	3.87E-04	3.87E-04	3.87E-04	2.08E+00	3.67E-03	3.99E-02	2.71E-03	2.79E-01	3.99E-03
	Gumweed	V	ND	ND	ND	ND	ND	ND	3.78E-02	4.22E-05	5.81E-04	3.88E-05	2.70E-02	ND
	Gumweed	ZN	5.47E+00	1.44E-02	3.82E-04	7.64E-04	7.64E-04	7.64E-04	1.17E+00	1.32E-03	1.79E-02	1.22E-03	4.26E-01	1.07E-01
	Rabbitbrush	AG	4.50E-02	1.19E-04	3.14E-06	6.26E-06	6.26E-06	6.26E-06	2.21E-03	2.49E-06	3.39E-05	2.30E-06	4.04E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	ND	4.80E-01	8.47E-04	7.36E-03	6.26E-04	2.95E-02	7.68E-03
	Rabbitbrush	AS	1.78E-01	4.71E-04	1.25E-05	2.49E-05	2.49E-05	2.49E-05	1.05E-01	2.49E-04	2.70E-03	1.84E-04	3.60E-02	6.00E-03
	Rabbitbrush	BA	3.72E-01	9.82E-04	2.60E-05	5.19E-05	5.19E-05	5.19E-05	4.88E-01	1.13E-03	1.25E-02	8.48E-04	1.04E-02	ND
	Rabbitbrush	BE	2.15E-04	5.66E-07	1.50E-08	3.00E-08	3.00E-08	3.00E-08	7.88E-05	1.85E-07	2.01E-06	1.37E-07	3.00E-04	ND
	Rabbitbrush	CD	5.54E-01	1.46E-03	3.87E-05	7.18E-05	7.18E-05	7.18E-05	2.33E-02	5.45E-05	5.93E-04	4.03E-05	1.73E-02	2.60E-03
	Rabbitbrush	CO	3.95E-04	1.04E-06	2.76E-08	5.51E-08	5.51E-08	5.51E-08	2.22E-01	5.02E-04	5.46E-03	4.64E-04	2.39E-03	ND
	Rabbitbrush	CR	8.54E-01	2.25E-03	5.96E-05	1.19E-04	1.19E-04	1.19E-04	1.49E-02	2.10E-05	2.28E-04	1.24E-05	2.13E-03	4.00E-01
	Rabbitbrush	CU	5.52E-01	1.46E-03	3.86E-05	7.71E-05	7.71E-05	7.71E-05	1.04E+00	1.47E-03	1.60E-02	8.72E-04	4.40E-02	5.25E-02
	Rabbitbrush	FE	4.84E-01	1.28E-03	3.38E-05	6.76E-05	6.76E-05	6.76E-05	1.55E+00	3.65E-03	3.97E-02	2.69E-03	ND	2.72E-02
	Rabbitbrush	HG	2.78E-02	7.33E-05	1.94E-06	3.88E-06	3.88E-06	3.88E-06	1.13E-02	2.02E-05	2.20E-04	1.49E-05	3.33E-02	1.00E-02
	Rabbitbrush	MN	1.40E-01	3.71E-04	9.81E-06	1.96E-05	1.96E-05	1.96E-05	1.39E-01	3.27E-04	3.55E-03	2.42E-04	1.66E-02	ND
	Rabbitbrush	NI	1.65E-01	4.34E-04	1.15E-05	2.30E-05	2.30E-05	2.30E-05	2.44E-02	5.73E-05	6.23E-04	4.24E-05	2.76E-03	3.45E-03
	Rabbitbrush	PB	3.69E-01	1.95E-04	2.57E-05	4.12E-05	4.12E-05	4.12E-05	2.15E-01	5.05E-04	5.49E-03	3.74E-04	1.56E-03	1.27E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	ND	4.79E-01	1.13E-03	1.22E-02	8.33E-04	5.15E-02	ND
	Rabbitbrush	SE	2.27E+00	5.98E-03	1.58E-04	2.94E-04	2.94E-04	2.94E-04	1.58E+00	2.79E-03	3.03E-02	2.06E-03	2.12E-01	3.03E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	ND	2.80E-02	3.12E-05	4.29E-04	2.87E-05	1.99E-02	ND
	Rabbitbrush	ZN	2.83E+00	7.46E-03	1.97E-04	3.95E-04	3.95E-04	3.95E-04	6.02E-01	6.79E-04	9.23E-03	6.28E-04	2.20E-01	5.50E-02
12	Rabbitbrush	AG	4.47E-02	5.90E-04	1.56E-05	3.11E-05	3.11E-05	3.11E-05	2.19E-03	1.24E-05	1.68E-04	1.14E-05	4.01E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	ND	1.17E+00	1.03E-02	8.97E-02	7.63E-03	7.18E-02	1.87E-02
	Rabbitbrush	AS	1.64E-01	2.16E-03	5.71E-05	1.14E-04	1.14E-04	1.14E-04	9.67E-02	1.14E-03	1.24E-02	8.43E-04	3.30E-02	5.50E-03
	Rabbitbrush	BA	2.79E-01	3.68E-03	9.74E-05	1.95E-04	1.95E-04	1.95E-04	3.66E-01	4.32E-03	4.70E-02	3.18E-03	7.80E-03	ND
	Rabbitbrush	BE	2.11E-04	2.79E-06	7.37E-08	1.47E-07	1.47E-07	1.47E-07	7.74E-05	9.11E-07	9.91E-06	6.74E-07	2.95E-04	ND
	Rabbitbrush	CD	1.39E+00	1.83E-02	4.85E-04	9.00E-04	9.00E-04	9.00E-04	5.83E-02	6.83E-04	7.42E-03	5.05E-04	4.33E-02	6.50E-03
	Rabbitbrush	CO	3.92E-04	5.18E-06	2.74E-07	7.08E-07	7.08E-07	7.08E-07	2.21E-01	2.49E-03	2.71E-02	2.31E-03	2.38E-03	ND
	Rabbitbrush	CR	1.01E+00	1.34E-02	3.54E-04	7.89E-04	7.89E-04	7.89E-04	1.77E-02	1.25E-04	1.36E-03	7.38E-05	2.53E-03	4.75E-01
	Rabbitbrush	CU	1.13E+00	1.49E-02	3.94E-04	7.89E-04	7.89E-04	7.89E-04	2.13E+00	1.50E-02	1.64E-01	8.91E-03	9.00E-02	1.07E-01
	Rabbitbrush	FE	1.24E+00	1.63E-02	4.32E-04	8.65E-04	8.65E-04	8.65E-04	3.97E+00	4.67E-02	5.08E-01	3.45E-02	ND	6.96E-02

Final Hazard Quotients for Metals in Biota (continued)

SWMU		American				Golden Eagle		Bald Eagle		Deer		Kit		Soil	
Number	Matrix	Analyte	Passerines	Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer	Mule Deer	Jackrabbit	Fox	Plants	Fauna	
12 (cont.)	Rabbitbrush	HG	1.37E-02	1.81E-04	4.80E-06	9.59E-06	9.59E-06	5.58E-03	5.00E-05	5.00E-05	5.43E-04	3.70E-05	1.65E-02	4.95E-03	
	Rabbitbrush	MN	2.17E-01	2.86E-03	7.56E-05	1.51E-04	1.51E-04	2.14E-01	2.52E-03	2.52E-03	2.74E-02	1.86E-03	2.56E-02	ND	
	Rabbitbrush	NI	2.07E-01	2.74E-03	7.24E-05	1.45E-04	1.45E-04	3.07E-02	3.61E-04	3.61E-04	3.93E-03	2.67E-04	3.48E-03	4.35E-03	
	Rabbitbrush	PB	1.01E+00	2.65E-03	3.51E-04	5.62E-04	5.62E-04	5.87E-01	6.89E-03	6.89E-03	7.49E-02	5.10E-03	4.25E-03	3.47E-03	
	Rabbitbrush	SE	ND	ND	ND	ND	ND	4.88E-01	5.74E-03	5.74E-03	6.24E-02	4.25E-03	5.25E-02	ND	
	Rabbitbrush	SE	2.33E+00	3.08E-02	8.14E-04	1.51E-03	1.51E-03	1.63E+00	1.43E-02	1.43E-02	1.56E-01	1.06E-02	2.18E-01	3.12E-03	
	Rabbitbrush	V	ND	ND	ND	ND	ND	7.72E-02	4.31E-04	4.31E-04	5.92E-03	3.95E-04	5.50E-02	ND	
	Rabbitbrush	ZN	1.03E+01	1.36E-01	3.60E-03	7.20E-03	7.20E-03	2.19E+00	1.24E-02	1.24E-02	1.68E-01	1.14E-02	8.02E-01	2.01E-01	
	Sweetclover	AG	2.00E-02	2.63E-04	6.97E-06	1.39E-05	1.39E-05	9.79E-04	5.53E-06	5.53E-06	7.51E-05	5.11E-06	1.79E-02	ND	
	Sweetclover	AL	ND	ND	ND	ND	ND	1.25E-01	1.11E-03	1.11E-03	9.62E-03	8.17E-04	7.69E-03	2.01E-03	
	Sweetclover	AS	2.68E-01	3.53E-03	9.34E-05	1.87E-04	1.87E-04	1.58E-01	1.87E-03	1.87E-03	2.03E-02	1.38E-03	5.40E-02	9.00E-03	
	Sweetclover	BA	5.80E-01	7.65E-03	2.02E-04	4.05E-04	4.05E-04	7.61E-01	8.97E-03	8.97E-03	9.76E-02	6.61E-03	1.62E-02	ND	
	Sweetclover	BE	1.43E-04	1.89E-06	5.00E-08	9.99E-08	9.99E-08	5.25E-05	6.18E-07	6.18E-07	6.72E-06	4.57E-07	2.00E-04	ND	
	Sweetclover	CD	6.87E-01	9.07E-03	2.40E-04	4.45E-04	4.45E-04	2.88E-02	3.38E-04	3.38E-04	3.67E-03	2.50E-04	2.15E-02	3.22E-03	
	Sweetclover	CO	8.26E-04	1.09E-05	2.88E-07	5.77E-07	5.77E-07	4.65E-01	5.25E-03	5.25E-03	5.71E-02	4.85E-03	5.00E-03	ND	
	Sweetclover	CR	8.54E-01	1.13E-02	2.98E-04	5.96E-04	5.96E-04	1.49E-02	1.05E-04	1.05E-04	1.14E-03	6.21E-05	2.13E-03	4.00E-01	
	Sweetclover	CU	3.01E-01	3.97E-03	1.03E-04	2.10E-04	2.10E-04	5.69E-01	4.01E-03	4.01E-03	4.36E-02	2.38E-03	2.40E-02	2.86E-02	
	Sweetclover	FE	2.60E-01	3.43E-03	9.07E-05	1.81E-04	1.81E-04	8.33E-01	9.80E-03	9.80E-03	1.07E-01	7.23E-03	ND	1.46E-02	
	Sweetclover	HG	2.78E-02	3.66E-04	9.69E-06	1.94E-05	1.94E-05	1.13E-02	1.01E-04	1.01E-04	1.10E-03	7.47E-05	3.33E-02	1.00E-02	
	Sweetclover	MN	1.88E-01	2.48E-03	6.56E-05	1.31E-04	1.31E-04	1.86E-01	2.19E-03	2.19E-03	2.38E-02	1.62E-03	2.22E-02	ND	
	Sweetclover	NI	2.62E-01	3.46E-03	9.16E-05	1.83E-04	1.83E-04	3.89E-02	4.57E-04	4.57E-04	4.97E-03	3.38E-04	4.40E-03	5.50E-03	
	Sweetclover	PB	2.78E-01	7.33E-04	9.69E-05	1.55E-04	1.55E-04	1.62E-01	1.90E-03	1.90E-03	2.07E-02	1.41E-03	1.17E-03	9.57E-04	
	Sweetclover	SB	ND	ND	ND	ND	ND	8.86E-01	1.04E-02	1.04E-02	1.13E-01	7.70E-03	9.52E-02	ND	
	Sweetclover	SE	3.22E+00	4.25E-02	1.13E-03	2.09E-03	2.09E-03	2.25E+00	1.98E-02	1.98E-02	2.16E-01	1.47E-02	3.02E-01	4.31E-03	
	Sweetclover	V	ND	ND	ND	ND	ND	4.33E-02	2.42E-04	2.42E-04	3.32E-03	2.22E-04	3.08E-02	ND	
	Sweetclover	ZN	5.91E-01	7.80E-03	2.06E-04	4.13E-04	4.13E-04	1.26E-01	7.10E-04	7.10E-04	9.65E-03	6.57E-04	4.60E-02	1.15E-02	
	Gumweed	AG	4.40E-02	1.93E-03	5.11E-05	1.02E-04	1.02E-04	2.16E-03	4.06E-05	4.06E-05	5.52E-04	3.75E-05	3.94E-02	ND	
	Gumweed	AL	ND	ND	ND	ND	ND	8.98E-01	2.64E-02	2.64E-02	2.30E-01	1.95E-02	5.51E-02	1.44E-02	
	Gumweed	AS	1.55E-01	6.80E-03	1.80E-04	3.60E-04	3.60E-04	9.14E-02	3.59E-03	3.59E-03	3.90E-02	2.66E-03	3.12E-02	5.20E-03	
	Gumweed	BA	1.86E-01	8.18E-03	2.16E-04	4.33E-04	4.33E-04	2.44E-01	9.60E-03	9.60E-03	1.04E-01	7.07E-03	5.20E-03	ND	
	Gumweed	BE	2.15E-04	9.44E-06	2.50E-07	5.00E-07	5.00E-07	7.88E-05	3.09E-06	3.09E-06	3.36E-05	2.28E-06	3.00E-04	ND	
	Gumweed	CD	5.66E+01	2.49E+00	6.58E-02	1.22E-01	1.22E-01	2.38E+00	9.28E-02	9.28E-02	1.01E+00	6.86E-02	1.77E+00	2.65E-01	
	Gumweed	CO	3.21E-04	1.41E-05	3.74E-07	7.48E-07	7.48E-07	1.81E-01	6.81E-03	6.81E-03	7.40E-02	6.29E-03	1.94E-03	ND	
	Gumweed	CR	1.07E+00	4.70E-02	1.24E-03	2.48E-03	2.48E-03	1.86E-02	4.38E-04	4.38E-04	4.76E-03	2.59E-04	2.67E-03	5.00E-01	
	Gumweed	CU	1.13E+00	4.97E-02	1.31E-03	2.63E-03	2.63E-03	2.13E+00	5.02E-02	5.02E-02	5.45E-01	2.97E-02	9.00E-02	1.07E-01	
	Gumweed	FE	5.47E-01	2.41E-02	6.36E-04	1.27E-03	1.27E-03	1.75E+00	6.88E-02	6.88E-02	7.48E-01	5.07E-02	ND	3.07E-02	
	Gumweed	HG	2.72E-02	1.20E-03	3.17E-05	6.33E-05	6.33E-05	1.10E-02	3.30E-04	3.30E-04	3.59E-03	2.44E-04	3.27E-02	9.80E-03	
	Gumweed	MN	1.18E-01	5.21E-03	1.38E-04	2.76E-04	2.76E-04	1.17E-01	4.59E-03	4.59E-03	5.00E-02	3.40E-03	1.40E-02	ND	
	Gumweed	NI	1.76E-01	7.76E-03	2.05E-04	4.11E-04	4.11E-04	2.61E-02	1.02E-03	1.02E-03	1.11E-02	7.58E-04	2.96E-03	3.70E-03	
	Gumweed	PB	6.22E-01	5.47E-03	7.24E-04	1.16E-03	1.16E-03	3.64E-01	1.42E-02	1.42E-02	1.55E-01	1.05E-02	2.63E-03	2.15E-03	
	Gumweed	SB	ND	ND	ND	ND	ND	2.95E-01	1.16E-02	1.16E-02	1.26E-01	8.56E-03	3.17E-02	ND	

Final Hazard Quotients for Metals in Biota (continued)

SWMU	Matrix	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Kit	Plants	Soil
Number				Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer	Jackrabbit	Fox	Fauna
15 (cont.)	Gumweed	SE	3.01E+00	1.33E-01	3.51E-03	6.51E-03	6.51E-03	2.10E+00	6.17E-02	6.71E-01	4.57E-02	2.82E-01
	Gumweed	V	ND	ND	ND	ND	ND	3.78E-02	7.04E-04	9.68E-03	6.46E-04	2.70E-02
	Gumweed	ZN	3.75E+01	1.65E+00	4.37E-02	8.73E-02	8.73E-02	7.99E+00	1.50E-01	2.04E+00	1.39E-01	2.92E+00
	Rabbitbrush	AG	4.51E-02	1.98E-03	5.24E-05	1.04E-04	1.04E-04	2.21E-03	4.16E-05	5.66E-04	3.85E-05	4.04E-02
	Rabbitbrush	AL	ND	ND	ND	ND	ND	3.08E+00	9.06E-02	7.88E-01	6.69E-02	1.89E-01
	Rabbitbrush	AS	2.63E-01	1.16E-02	3.06E-04	6.11E-04	6.11E-04	1.53E-01	6.10E-03	6.64E-02	4.51E-03	5.30E-02
	Rabbitbrush	BA	1.86E-01	8.18E-03	2.16E-04	4.33E-04	4.33E-04	2.44E-01	9.60E-03	1.04E-01	7.07E-03	5.20E-03
	Rabbitbrush	BE	2.15E-04	9.44E-06	2.50E-07	5.00E-07	5.00E-07	7.88E-05	3.09E-06	3.36E-05	2.28E-06	3.00E-04
	Rabbitbrush	CD	1.82E+01	7.98E-01	2.11E-02	3.92E-02	3.92E-02	7.62E-01	2.98E-02	3.23E-01	2.20E-02	5.67E-01
	Rabbitbrush	CO	3.96E-04	1.74E-05	4.60E-07	9.21E-07	9.21E-07	2.23E-01	8.38E-03	9.11E-02	7.75E-03	2.40E-03
	Rabbitbrush	CR	2.30E+00	1.01E-01	2.67E-03	5.34E-03	5.34E-03	4.00E-02	9.41E-04	1.02E-02	5.57E-04	5.73E-03
	Rabbitbrush	CU	1.33E+00	5.85E-02	1.55E-03	3.10E-03	3.10E-03	2.51E+00	5.91E-02	6.42E-01	3.50E-02	1.06E-01
	Rabbitbrush	FE	2.67E+00	1.17E-01	3.11E-03	6.21E-03	6.21E-03	8.56E+00	3.36E-01	3.65E+00	2.48E-01	ND
	Rabbitbrush	HG	1.39E-02	6.11E-04	1.62E-05	3.23E-05	3.23E-05	5.64E-03	1.68E-04	1.83E-03	1.24E-04	1.67E-02
	Rabbitbrush	MN	3.40E-01	1.50E-02	3.96E-04	7.92E-04	7.92E-04	3.37E-01	1.32E-02	1.43E-01	9.75E-03	4.02E-02
	Rabbitbrush	NI	2.86E-01	1.26E-02	3.33E-04	6.66E-04	6.66E-04	4.24E-02	1.66E-03	1.81E-02	1.23E-03	4.80E-03
	Rabbitbrush	PB	1.34E+00	1.18E-02	1.56E-03	2.50E-03	2.50E-03	7.83E-01	3.06E-02	3.33E-01	2.27E-02	5.67E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.74E-01	1.86E-02	2.02E-01	1.37E-02	5.10E-02
	Rabbitbrush	SE	2.40E+00	1.06E-01	2.80E-03	5.19E-03	5.19E-03	1.67E+00	4.92E-02	5.35E-01	3.64E-02	2.25E-01
	Rabbitbrush	V	ND	ND	ND	ND	ND	1.61E-01	3.00E-03	4.13E-02	2.76E-03	1.15E-01
	Rabbitbrush	ZN	2.62E+01	1.15E+00	3.05E-02	6.10E-02	6.10E-02	5.58E+00	1.05E-01	1.43E+00	9.71E-02	2.04E+00
	Sweetclover	AG	2.00E-02	8.78E-04	2.32E-05	4.63E-05	4.63E-05	9.79E-04	1.84E-05	2.50E-04	1.70E-05	1.79E-02
	Sweetclover	AL	ND	ND	ND	ND	ND	1.48E+00	4.35E-02	3.78E-01	3.21E-02	9.07E-02
	Sweetclover	AS	4.51E-01	1.98E-02	5.23E-04	1.05E-03	1.05E-03	2.67E-01	1.05E-02	1.14E-01	7.75E-03	9.10E-02
	Sweetclover	BA	1.14E+00	5.04E-02	1.33E-03	2.66E-03	2.66E-03	1.50E+00	5.91E-02	6.42E-01	4.35E-02	3.20E-02
	Sweetclover	BE	1.43E-04	6.29E-06	1.67E-07	3.33E-07	3.33E-07	5.25E-05	2.06E-06	2.24E-05	1.52E-06	2.00E-04
	Sweetclover	CD	3.84E+00	1.69E-01	4.47E-03	8.31E-03	8.31E-03	1.61E-01	6.30E-03	6.85E-02	4.66E-03	1.20E-01
	Sweetclover	CO	9.91E-04	4.36E-05	1.13E-06	2.31E-06	2.31E-06	5.58E-01	2.10E-02	2.28E-01	1.94E-02	6.00E-03
	Sweetclover	CR	1.82E+00	7.98E-02	2.11E-03	4.22E-03	4.22E-03	3.16E-02	7.44E-04	8.09E-03	4.40E-04	4.53E-03
	Sweetclover	CU	5.15E-01	2.26E-02	5.99E-04	1.20E-03	1.20E-03	9.71E-01	2.29E-02	2.48E-01	1.35E-02	4.10E-02
	Sweetclover	FE	1.30E+00	5.71E-02	1.51E-03	3.02E-03	3.02E-03	4.16E+00	1.63E-01	1.77E+00	1.20E-01	ND
	Sweetclover	HG	2.78E-02	1.22E-03	3.23E-05	6.46E-05	6.46E-05	1.13E-02	3.37E-04	3.66E-03	2.49E-04	3.33E-02
	Sweetclover	MN	1.03E-01	4.54E-03	1.20E-04	2.40E-04	2.40E-04	1.02E-01	4.00E-03	4.35E-02	2.96E-03	1.22E-02
	Sweetclover	NI	1.03E-01	4.51E-03	1.19E-04	2.39E-04	2.39E-04	1.52E-02	5.95E-04	6.47E-03	4.40E-04	1.72E-03
	Sweetclover	PB	9.09E-01	8.00E-03	1.06E-03	1.70E-03	1.70E-03	5.31E-01	2.08E-02	2.26E-01	1.54E-02	3.85E-03
	Sweetclover	SB	ND	ND	ND	ND	ND	8.53E-01	3.34E-02	3.64E-01	2.47E-02	9.17E-02
	Sweetclover	SE	3.22E+00	1.42E-01	3.75E-03	6.97E-03	6.97E-03	2.25E+00	6.61E-02	7.18E-01	4.89E-02	3.02E-01
	Sweetclover	V	ND	ND	ND	ND	ND	4.33E-02	8.05E-04	1.11E-02	7.39E-04	3.08E-02
	Sweetclover	ZN	3.08E+00	1.36E-01	3.59E-03	7.18E-03	7.18E-03	6.56E-01	1.24E-02	1.68E-01	1.14E-02	2.40E-01
1b	Gumweed	AG	4.40E-02	1.93E-05	5.11E-07	1.02E-06	1.02E-06	2.05E-03	4.06E-07	5.52E-06	3.75E-07	3.94E-02
	Gumweed	AL	ND	ND	ND	ND	ND	5.65E+00	1.75E-03	1.52E-02	1.29E-03	3.64E-01
	Gumweed	SE	ND	ND	ND	ND	ND	5.65E+00	1.75E-03	1.52E-02	1.29E-03	3.64E-01

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	American		Great Horned Owl	Golden Eagle		Bald Eagle		Deer		Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
			Kestrel	Passerines		Eagle	Eagle	Eagle	Eagle	Mouse	Mouse					
1b (cont.)	Gumweed	AS	6.80E-05	1.55E-01	1.80E-06	3.60E-06	3.60E-06	3.60E-06	3.60E-06	8.70E-02	8.70E-02	3.59E-05	3.90E-04	2.66E-05	3.12E-02	5.20E-03
	Gumweed	BA	5.44E-04	1.24E+00	1.44E-05	2.88E-05	2.88E-05	2.88E-05	2.88E-05	1.55E+00	1.55E+00	6.39E-04	6.95E-03	4.70E-04	3.46E-02	ND
	Gumweed	BE	9.44E-08	2.15E-04	2.50E-05	5.00E-09	5.00E-09	5.00E-09	5.00E-09	7.50E-05	7.50E-05	3.09E-08	3.36E-07	2.28E-08	3.00E-04	ND
	Gumweed	CD	1.88E-02	4.27E+01	4.97E-04	9.23E-04	9.23E-04	9.23E-04	9.23E-04	1.71E+00	1.71E+00	7.00E-04	7.61E-03	5.18E-04	1.33E+00	2.00E-01
	Gumweed	CO	3.27E-07	7.44E-04	8.65E-09	1.73E-08	1.73E-08	1.73E-08	1.73E-08	3.99E-01	3.99E-01	1.58E-04	1.71E-03	1.46E-04	4.50E-03	ND
	Gumweed	CR	1.10E-03	2.51E+00	2.92E-05	5.84E-05	5.84E-05	5.84E-05	5.84E-05	4.16E-02	4.16E-02	1.03E-05	1.12E-04	6.08E-06	6.27E-03	1.18E+00
	Gumweed	CU	5.69E-04	1.29E+00	1.50E-05	3.01E-05	3.01E-05	3.01E-05	3.01E-05	2.32E+00	2.32E+00	5.74E-04	6.24E-03	3.40E-04	1.03E-01	1.23E-01
	Gumweed	FE	1.55E-03	3.52E+00	4.10E-05	8.20E-05	8.20E-05	8.20E-05	8.20E-05	1.08E+01	1.08E+01	4.43E-03	4.82E-02	3.27E-03	ND	1.98E-01
	Gumweed	HG	1.21E-05	2.76E-02	3.21E-07	6.43E-07	6.43E-07	6.43E-07	6.43E-07	1.07E-02	1.07E-02	3.35E-06	3.64E-05	2.48E-06	3.32E-02	9.95E-03
	Gumweed	MN	2.03E-04	4.60E-01	5.36E-06	1.07E-05	1.07E-05	1.07E-05	1.07E-05	4.34E-01	4.34E-01	1.79E-04	1.94E-03	1.32E-04	5.44E-02	ND
	Gumweed	NI	5.45E-05	1.24E-01	1.44E-06	2.89E-06	2.89E-06	2.89E-06	2.89E-06	1.75E-02	1.75E-02	7.20E-06	7.83E-05	5.32E-06	2.08E-03	2.60E-03
	Gumweed	PB	7.16E-05	8.14E-01	9.47E-06	1.52E-05	1.52E-05	1.52E-05	1.52E-05	4.33E-01	4.33E-01	1.86E-04	2.02E-03	1.38E-04	3.44E-03	2.81E-03
	Gumweed	SE	ND	ND	ND	ND	ND	ND	ND	2.89E-01	2.89E-01	1.19E-04	1.30E-03	8.81E-05	3.27E-02	ND
	Gumweed	SE	1.33E-03	3.01E+00	3.51E-05	6.51E-05	6.51E-05	6.51E-05	6.51E-05	2.00E+00	2.00E+00	6.17E-04	6.71E-03	4.57E-04	2.82E-01	4.03E-03
	Gumweed	V	ND	ND	ND	ND	ND	ND	ND	2.34E-01	2.34E-01	4.57E-05	6.28E-04	4.19E-05	1.75E-01	ND
	Gumweed	ZN	6.18E-03	1.41E+01	1.64E-04	3.27E-04	3.27E-04	3.27E-04	3.27E-04	2.85E+00	2.85E+00	5.63E-04	7.65E-03	5.21E-04	1.09E+00	2.74E-01
	Rabbitbrush	AG	1.95E-05	4.43E-02	5.16E-07	1.03E-06	1.03E-06	1.03E-06	1.03E-06	2.07E-03	2.07E-03	4.09E-07	5.57E-06	3.79E-07	3.98E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	ND	ND	1.06E+00	1.06E+00	3.28E-04	2.85E-03	2.43E-04	6.85E-02	1.79E-02
	Rabbitbrush	AS	5.45E-05	1.24E-01	1.44E-06	2.88E-06	2.88E-06	2.88E-06	2.88E-06	6.97E-02	6.97E-02	2.88E-05	3.13E-04	2.13E-05	2.50E-02	4.17E-03
	Rabbitbrush	BA	2.90E-04	6.58E-01	7.66E-06	1.53E-05	1.53E-05	1.53E-05	1.53E-05	8.23E-01	8.23E-01	3.40E-04	3.69E-03	2.50E-04	1.84E-02	ND
	Rabbitbrush	BE	9.28E-08	2.11E-04	2.46E-09	4.91E-09	4.91E-09	4.91E-09	4.91E-09	7.38E-05	7.38E-05	3.04E-08	3.30E-07	2.23E-08	2.95E-04	ND
	Rabbitbrush	CD	2.02E-03	4.59E+00	5.34E-05	9.92E-05	9.92E-05	9.92E-05	9.92E-05	1.84E-01	1.84E-01	7.53E-05	8.18E-04	5.57E-05	1.43E-01	2.15E-02
	Rabbitbrush	CO	3.63E-07	8.26E-04	9.61E-09	1.92E-08	1.92E-08	1.92E-08	1.92E-08	4.43E-01	4.43E-01	1.73E-04	1.90E-03	1.62E-04	5.00E-03	ND
	Rabbitbrush	CR	5.17E-04	1.17E+00	1.37E-05	2.73E-05	2.73E-05	2.73E-05	2.73E-05	1.95E-02	1.95E-02	4.81E-06	5.23E-05	2.83E-06	2.93E-03	5.50E-01
	Rabbitbrush	CU	3.64E-04	8.28E-01	9.64E-06	1.93E-05	1.93E-05	1.93E-05	1.93E-05	1.49E+00	1.49E+00	3.68E-04	4.00E-03	2.18E-04	6.60E-02	7.88E-02
	Rabbitbrush	FE	5.08E-04	1.15E+00	1.34E-05	2.69E-05	2.69E-05	2.69E-05	2.69E-05	3.53E+00	3.53E+00	1.43E-03	1.58E-02	1.07E-03	ND	6.49E-02
	Rabbitbrush	HG	1.22E-05	2.78E-02	3.23E-07	6.46E-07	6.46E-07	6.46E-07	6.46E-07	1.07E-02	1.07E-02	3.37E-06	3.66E-05	2.49E-06	3.33E-02	1.00E-02
	Rabbitbrush	MN	3.17E-04	7.21E-01	8.39E-06	1.68E-05	1.68E-05	1.68E-05	1.68E-05	6.79E-01	6.79E-01	2.80E-04	3.04E-03	2.07E-04	8.52E-02	ND
	Rabbitbrush	NI	6.29E-05	1.43E-01	1.67E-06	3.33E-06	3.33E-06	3.33E-06	3.33E-06	2.02E-02	2.02E-02	8.31E-06	9.03E-05	6.14E-06	2.40E-03	3.00E-03
	Rabbitbrush	PB	2.06E-05	2.35E-01	2.73E-06	4.37E-06	4.37E-06	4.37E-06	4.37E-06	1.31E-01	1.31E-01	5.36E-05	5.83E-04	3.96E-05	9.92E-04	8.09E-04
	Rabbitbrush	SB	ND	ND	ND	ND	ND	ND	ND	4.65E-01	4.65E-01	1.91E-04	2.08E-03	1.42E-04	5.25E-02	ND
	Rabbitbrush	SE	1.02E-03	2.31E+00	2.69E-05	4.99E-05	4.99E-05	4.99E-05	4.99E-05	1.53E+00	1.53E+00	4.73E-04	5.15E-03	3.50E-04	2.16E-01	3.09E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	ND	ND	6.68E-02	6.68E-02	1.31E-05	1.80E-04	1.20E-05	5.00E-02	ND
	Rabbitbrush	ZN	5.81E-03	1.32E+01	1.54E-04	3.07E-04	3.07E-04	3.07E-04	3.07E-04	2.68E+00	2.68E+00	5.29E-04	7.19E-03	4.89E-04	1.03E+00	2.57E-01
1c	Gumweed	AG	7.73E-04	4.40E-02	2.05E-05	4.08E-05	4.08E-05	4.08E-05	4.08E-05	2.16E-03	2.16E-03	1.62E-05	2.21E-04	1.50E-05	3.94E-02	ND
	Gumweed	AL	ND	ND	ND	ND	ND	ND	ND	3.62E+00	3.62E+00	4.25E-02	3.70E-01	3.14E-02	2.22E-01	5.79E-02
	Gumweed	AS	5.45E-01	9.59E-03	2.54E-04	5.08E-04	5.08E-04	5.08E-04	5.08E-04	3.22E-01	3.22E-01	5.07E-03	5.51E-02	3.75E-03	1.10E-01	1.83E-02
	Gumweed	BA	1.12E+00	1.96E-02	5.19E-04	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.47E+00	1.47E+00	2.30E-02	2.51E-01	1.70E-02	3.12E-02	ND
	Gumweed	BE	2.15E-04	3.78E-06	9.99E-08	2.00E-07	2.00E-07	2.00E-07	2.00E-07	7.88E-05	7.88E-05	1.24E-06	1.34E-05	9.14E-07	3.00E-04	ND
	Gumweed	CD	2.19E+00	3.85E-02	1.02E-03	1.89E-03	1.89E-03	1.89E-03	1.89E-03	9.19E-02	9.19E-02	1.44E-03	1.56E-02	1.06E-03	6.83E-02	1.03E-02
	Gumweed	CO	6.61E-04	1.16E-05	3.08E-07	6.15E-07	6.15E-07	6.15E-07	6.15E-07	3.72E-01	3.72E-01	5.60E-03	6.09E-02	5.18E-03	4.00E-03	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU		American				Golden		Bald		Deer		Mule		Kit		Soil	
Number	Matrix	Analyte	Passerines	Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer	Deer	Jackrabbit	Fox	Plants	Plants	Fauna	Fauna	
1c (cont.)	Gumweed	CR	2.03E+00	3.57E-02	9.44E-04	1.89E-03	1.89E-03	3.53E-02	3.33E-04	3.33E-04	3.62E-03	1.97E-04	5.07E-03	5.07E-03	9.50E-01	9.50E-01	
	Gumweed	CU	8.41E-01	1.48E-02	3.91E-04	7.83E-04	7.83E-04	1.59E+00	1.49E-02	1.49E-02	1.62E-01	8.85E-03	6.70E-02	6.70E-02	8.00E-02	8.00E-02	
	Gumweed	FE	2.86E+00	5.04E-02	1.33E-03	2.67E-03	2.67E-03	9.19E+00	1.44E-01	1.44E-01	1.57E+00	1.06E-01	ND	ND	1.61E-01	1.61E-01	
	Gumweed	HG	2.75E-02	4.84E-04	1.28E-05	2.56E-05	2.56E-05	1.12E-02	1.33E-04	1.33E-04	1.45E-03	9.86E-05	3.30E-02	3.30E-02	9.90E-03	9.90E-03	
	Gumweed	MN	3.81E-01	6.70E-03	1.77E-04	3.55E-04	3.55E-04	3.77E-01	5.91E-02	5.91E-02	6.42E-02	4.37E-03	4.50E-02	4.50E-02	ND	ND	
	Gumweed	NI	1.86E-01	3.27E-03	8.66E-05	1.73E-04	1.73E-04	2.76E-02	4.32E-04	4.32E-04	4.70E-03	3.19E-04	3.12E-03	3.12E-03	3.90E-03	3.90E-03	
	Gumweed	PB	4.12E-01	1.45E-03	1.92E-04	3.07E-04	3.07E-04	2.41E-01	3.76E-03	3.76E-03	4.09E-02	2.78E-03	1.74E-03	1.74E-03	1.42E-03	1.42E-03	
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	4.81E-03	4.81E-03	5.23E-02	3.56E-03	3.30E-02	3.30E-02	ND	ND	
	Gumweed	SE	3.04E+00	5.35E-02	1.42E-03	2.63E-03	2.63E-03	2.12E+00	2.49E-02	2.49E-02	2.71E-01	1.84E-02	2.85E-01	2.85E-01	4.07E-03	4.07E-03	
	Gumweed	V	ND	ND	ND	ND	ND	3.78E-02	2.82E-04	2.82E-04	3.87E-03	2.58E-04	2.70E-02	2.70E-02	ND	ND	
	Gumweed	ZN	7.15E+00	1.26E-01	3.33E-03	6.65E-03	6.65E-03	1.52E+00	1.14E-02	1.14E-02	1.56E-01	1.06E-02	5.56E-01	5.56E-01	1.39E-01	1.39E-01	
	Rabbitbrush	AG	4.49E-02	7.90E-04	2.09E-05	4.16E-05	4.16E-05	2.20E-03	1.66E-05	1.66E-05	2.25E-04	1.53E-05	4.03E-02	4.03E-02	ND	ND	
	Rabbitbrush	AL	ND	ND	ND	ND	ND	1.93E+00	2.27E-02	2.27E-02	1.97E-01	1.67E-02	1.18E-01	1.18E-01	3.08E-02	3.08E-02	
	Rabbitbrush	AS	2.13E-01	3.75E-03	9.92E-05	1.98E-04	1.98E-04	1.26E-01	1.98E-03	1.98E-03	2.15E-02	1.46E-03	4.30E-02	4.30E-02	7.17E-03	7.17E-03	
	Rabbitbrush	BA	4.87E-01	8.56E-03	2.26E-04	4.53E-04	4.53E-04	6.39E-01	1.00E-02	1.00E-02	1.09E-01	7.40E-03	1.36E-02	1.36E-02	ND	ND	
	Rabbitbrush	BE	2.15E-04	3.78E-06	9.99E-08	2.00E-07	2.00E-07	7.88E-05	1.24E-06	1.24E-06	1.34E-05	9.14E-07	3.00E-04	3.00E-04	ND	ND	
	Rabbitbrush	CD	1.49E+01	2.63E-01	6.96E-03	1.29E-02	1.29E-02	6.27E-01	9.80E-03	9.80E-03	1.07E-01	7.25E-03	4.67E-01	4.67E-01	7.00E-02	7.00E-02	
	Rabbitbrush	CO	9.09E-04	1.60E-05	4.23E-07	8.46E-07	8.46E-07	5.12E-01	7.70E-03	7.70E-03	8.37E-02	7.12E-03	5.50E-03	5.50E-03	5.75E-01	5.75E-01	
	Rabbitbrush	CR	1.23E+00	2.16E-02	5.71E-04	1.14E-03	1.14E-03	2.14E-02	2.01E-04	2.01E-04	2.19E-03	1.19E-04	3.07E-03	3.07E-03	5.73E-02	5.73E-02	
	Rabbitbrush	CU	6.02E-01	1.06E-02	2.80E-04	5.61E-04	5.61E-04	1.14E+00	1.07E-02	1.07E-02	1.16E-01	6.34E-03	4.80E-02	4.80E-02	1.08E-01	1.08E-01	
	Rabbitbrush	FE	1.92E-01	3.38E-02	8.94E-04	1.79E-03	1.79E-03	6.16E+00	6.73E-05	6.73E-05	7.32E-04	4.98E-05	1.67E-02	1.67E-02	5.00E-03	5.00E-03	
	Rabbitbrush	HG	1.39E-02	2.44E-04	6.46E-06	1.29E-05	1.29E-05	5.64E+00	6.73E-05	6.73E-05	7.32E-04	4.98E-05	1.67E-02	1.67E-02	5.00E-03	5.00E-03	
	Rabbitbrush	MN	1.02E+00	1.79E-02	4.73E-04	9.45E-04	9.45E-04	1.00E+00	1.58E-02	1.58E-02	1.71E-01	1.16E-02	1.20E-01	1.20E-01	ND	ND	
	Rabbitbrush	NI	4.29E-01	7.55E-03	2.00E-04	4.00E-04	4.00E-04	6.36E-02	9.97E-04	9.97E-04	1.08E-02	7.37E-04	7.20E-03	7.20E-03	9.00E-03	9.00E-03	
	Rabbitbrush	PB	2.49E-01	8.76E-04	1.16E-04	1.86E-04	1.86E-04	1.45E-01	2.28E-03	2.28E-03	2.47E-02	1.68E-03	1.05E-03	1.05E-03	8.58E-04	8.58E-04	
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.79E-01	7.50E-03	7.50E-03	8.16E-02	5.55E-03	5.15E-02	5.15E-02	ND	ND	
	Rabbitbrush	SE	2.36E+00	4.14E-02	1.10E-03	2.04E-03	2.04E-03	1.64E+00	1.93E-02	1.93E-02	2.10E-01	1.43E-02	2.21E-01	2.21E-01	3.15E-03	3.15E-03	
	Rabbitbrush	V	ND	ND	ND	ND	ND	6.32E-02	4.70E-04	4.70E-04	6.46E-03	4.31E-04	4.50E-02	4.50E-02	ND	ND	
	Rabbitbrush	ZN	5.35E+00	9.41E-02	2.49E-03	4.98E-03	4.98E-03	1.14E+00	8.56E-03	8.56E-03	1.16E-01	7.92E-03	4.16E-01	4.16E-01	1.04E-01	1.04E-01	
	Gumweed	AG	1.83E-02	4.84E-06	1.28E-07	2.55E-07	2.55E-07	5.14E-04	1.02E-07	1.02E-07	1.38E-06	9.40E-08	3.95E-02	3.95E-02	ND	ND	
	Gumweed	AL	ND	ND	ND	ND	ND	2.18E+00	6.74E-04	6.74E-04	5.86E-03	4.98E-04	5.63E-01	5.63E-01	1.47E-01	1.47E-01	
	Gumweed	AS	6.51E-02	1.72E-05	4.54E-07	9.08E-07	9.08E-07	2.20E-02	9.07E-06	9.07E-06	9.86E-05	6.71E-06	3.15E-02	3.15E-02	5.25E-03	5.25E-03	
	Gumweed	BA	3.58E+00	9.44E-04	2.50E-05	5.00E-05	5.00E-05	2.68E+00	1.11E-03	1.11E-03	1.20E-02	8.16E-04	2.40E-01	2.40E-01	ND	ND	
	Gumweed	BE	8.94E-05	2.36E-08	6.24E-10	1.25E-09	1.25E-09	1.88E-05	7.72E-09	7.72E-09	8.40E-08	5.71E-09	3.00E-04	3.00E-04	ND	ND	
	Gumweed	CD	4.49E+01	1.19E-02	3.14E-04	5.83E-04	5.83E-04	1.08E+00	4.42E-04	4.42E-04	4.80E-03	3.27E-04	3.37E+00	3.37E+00	5.05E-01	5.05E-01	
	Gumweed	CO	7.92E-04	2.09E-07	5.53E-09	1.11E-08	1.11E-08	2.55E-01	1.01E-04	1.01E-04	1.09E-03	9.30E-05	1.15E-02	1.15E-02	ND	ND	
	Gumweed	CR	2.89E+00	7.63E-04	2.02E-05	4.04E-05	4.04E-05	2.88E-02	7.11E-06	7.11E-06	7.73E-05	4.21E-06	1.73E-02	1.73E-02	3.25E+00	3.25E+00	
	Gumweed	CU	2.80E+00	1.96E-05	1.96E-05	3.91E-05	3.91E-05	3.02E+00	7.47E-04	7.47E-04	8.12E-03	4.42E-04	5.36E-01	5.36E-01	6.40E-01	6.40E-01	
	Gumweed	FE	2.12E+00	5.60E-04	1.48E-05	2.96E-05	2.96E-05	3.89E+00	1.60E-03	1.60E-03	1.74E-02	1.18E-03	ND	ND	2.86E-01	2.86E-01	
	Gumweed	HG	1.13E-02	2.99E-06	7.91E-08	1.58E-07	1.58E-07	8.25E-03	8.25E-03	8.25E-03	8.97E-06	6.10E-07	3.27E-02	3.27E-02	9.80E-03	9.80E-03	
	Gumweed	MN	1.66E-01	4.37E-05	1.16E-06	2.31E-06	2.31E-06	9.37E-02	3.86E-05	3.86E-05	4.19E-04	2.85E-05	4.70E-02	4.70E-02	ND	ND	

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines		American Kestrel		Great Horned Owl		Golden Eagle		Bald Eagle		Deer		Mule		Kit		Soil	
			NI	21 (cont.)	NI	21 (cont.)	NI	21 (cont.)	NI	21 (cont.)	NI	21 (cont.)	NI	21 (cont.)	NI	21 (cont.)	NI	21 (cont.)	NI	21 (cont.)
21 (cont.)	Gumweed	NI	1.49E-01	2.93E+01	3.93E-05	1.04E-06	2.08E-06	2.08E-06	2.08E-06	2.08E-06	2.08E-06	2.08E-06	1.26E-02	5.19E-06	5.19E-06	5.19E-06	5.65E-05	3.84E-06	6.00E-03	7.50E-03
	Gumweed	PB	2.93E+01	ND	1.55E-03	2.03E-04	3.28E-04	3.28E-04	3.28E-04	3.28E-04	3.28E-04	3.28E-04	9.79E+00	4.02E-03	4.02E-03	4.37E-02	4.37E-02	2.97E-03	2.98E-01	2.43E-01
	Gumweed	SB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.51E+00	6.20E-04	6.20E-04	6.74E-03	6.74E-03	4.58E-04	6.80E-01	ND
	Gumweed	SE	1.27E+00	ND	3.35E-04	8.83E-06	1.64E-05	1.64E-05	1.64E-05	1.64E-05	1.64E-05	1.64E-05	5.05E-02	1.56E-04	1.56E-04	1.69E-03	1.69E-03	1.15E-04	2.85E-01	4.07E-03
	Gumweed	V	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.52E-02	1.27E-05	1.27E-05	1.75E-04	1.75E-04	1.17E-04	1.95E-01	ND
	Gumweed	ZN	1.65E+01	1.88E-02	4.35E-03	1.15E-04	2.30E-04	2.30E-04	2.30E-04	2.30E-04	2.30E-04	2.30E-04	2.01E+00	3.96E-04	3.96E-04	5.39E-03	5.39E-03	3.66E-04	3.08E+00	7.70E-01
	Rabbitbrush	AG	1.88E-02	ND	4.97E-06	1.31E-07	2.62E-07	2.62E-07	2.62E-07	2.62E-07	2.62E-07	2.62E-07	5.28E-04	1.04E-07	1.04E-07	1.42E-06	1.42E-06	9.64E-08	4.05E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.31E-01	1.33E-04	1.33E-04	1.16E-03	1.16E-03	9.85E-05	1.11E-01	2.90E-02
	Rabbitbrush	AS	5.78E-02	1.53E-05	4.04E-07	8.08E-07	8.08E-07	8.08E-07	8.08E-07	8.08E-07	8.08E-07	8.08E-07	1.93E-02	8.06E-06	8.06E-06	8.76E-05	8.76E-05	5.96E-06	2.80E-02	4.67E-03
	Rabbitbrush	BA	5.13E-01	1.35E-04	3.58E-06	7.16E-06	7.16E-06	7.16E-06	7.16E-06	7.16E-06	7.16E-06	7.16E-06	3.85E-01	1.59E-04	1.59E-04	1.73E-03	1.73E-03	1.17E-04	3.44E-02	ND
	Rabbitbrush	BE	8.94E-05	2.36E-08	6.24E-10	1.25E-09	1.25E-09	1.25E-09	1.25E-09	1.25E-09	1.25E-09	1.25E-09	1.88E-05	7.72E-09	7.72E-09	8.40E-08	8.40E-08	5.71E-09	3.00E-04	ND
	Rabbitbrush	CD	3.43E+00	9.04E-04	2.39E-05	4.44E-05	4.44E-05	4.44E-05	4.44E-05	4.44E-05	4.44E-05	4.44E-05	8.22E-02	3.37E-05	3.37E-05	3.66E-04	3.66E-04	2.49E-05	2.57E-01	3.85E-02
	Rabbitbrush	CO	1.63E-04	4.36E-08	1.15E-09	2.31E-09	2.31E-09	2.31E-09	2.31E-09	2.31E-09	2.31E-09	2.31E-09	5.31E-02	2.10E-05	2.10E-05	2.28E-04	2.28E-04	1.94E-05	2.40E-03	ND
	Rabbitbrush	CR	1.47E+00	3.87E-04	1.02E-05	2.05E-05	2.05E-05	2.05E-05	2.05E-05	2.05E-05	2.05E-05	2.05E-05	1.46E-02	3.61E-06	3.61E-06	3.92E-05	3.92E-05	2.14E-06	8.80E-03	1.63E+00
	Rabbitbrush	CU	6.43E-01	1.70E-04	4.49E-06	8.98E-06	8.98E-06	8.98E-06	8.98E-06	8.98E-06	8.98E-06	8.98E-06	6.94E-01	1.71E-04	1.71E-04	1.86E-03	1.86E-03	1.02E-04	1.23E-01	1.47E-01
	Rabbitbrush	FE	6.47E-01	1.71E-04	4.52E-06	9.04E-06	9.04E-06	9.04E-06	9.04E-06	9.04E-06	9.04E-06	9.04E-06	1.19E+00	4.88E-04	4.88E-04	5.31E-03	5.31E-03	3.60E-04	ND	8.73E-02
	Rabbitbrush	HG	1.16E-02	3.05E-06	8.08E-08	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	2.68E-03	8.41E-07	8.41E-07	9.15E-06	9.15E-06	6.22E-07	3.33E-02	1.00E-02
	Rabbitbrush	MN	8.82E-02	2.33E-05	6.15E-07	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	4.98E-02	2.05E-05	2.05E-05	2.23E-04	2.23E-04	1.52E-05	2.50E-02	ND
	Rabbitbrush	NI	9.14E-02	2.41E-05	6.38E-07	1.28E-06	1.28E-06	1.28E-06	1.28E-06	1.28E-06	1.28E-06	1.28E-06	7.74E-03	3.18E-06	3.18E-06	3.46E-05	3.46E-05	2.36E-06	3.68E-03	4.60E-03
	Rabbitbrush	PB	1.41E+01	7.46E-04	9.87E-05	1.58E-04	1.58E-04	1.58E-04	1.58E-04	1.58E-04	1.58E-04	1.58E-04	4.72E+00	1.94E-03	1.94E-03	2.11E-02	2.11E-02	1.43E-03	1.44E-01	1.17E-01
	Rabbitbrush	SB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.76E-01	2.37E-04	2.37E-04	2.58E-03	2.58E-03	1.75E-04	2.60E-01	ND
	Rabbitbrush	SE	9.72E-01	2.56E-04	6.78E-06	1.26E-05	1.26E-05	1.26E-05	1.26E-05	1.26E-05	1.26E-05	1.26E-05	3.87E-01	1.19E-04	1.19E-04	1.30E-03	1.30E-03	8.84E-05	2.18E-01	3.12E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.50E-02	2.94E-06	2.94E-06	4.04E-05	4.04E-05	2.70E-06	4.50E-02	ND
	Rabbitbrush	ZN	2.53E+00	6.67E-04	1.76E-05	3.53E-05	3.53E-05	3.53E-05	3.53E-05	3.53E-05	3.53E-05	3.53E-05	3.07E-01	6.07E-05	6.07E-05	8.26E-04	8.26E-04	5.61E-05	4.72E-01	1.18E-01
	Ambrosia	AG	4.37E-02	2.69E-05	7.11E-07	1.42E-06	1.42E-06	1.42E-06	1.42E-06	1.42E-06	1.42E-06	1.42E-06	2.14E-03	5.65E-07	5.65E-07	7.67E-06	7.67E-06	5.22E-07	3.92E-02	ND
	Ambrosia	AL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.06E+00	8.50E-04	8.50E-04	7.39E-03	7.39E-03	6.28E-04	1.27E-01	3.30E-02
	Ambrosia	AS	1.56E-01	9.59E-05	2.54E-06	5.07E-06	5.07E-06	5.07E-06	5.07E-06	5.07E-06	5.07E-06	5.07E-06	9.20E-02	5.06E-05	5.06E-05	5.50E-04	5.50E-04	3.74E-05	3.14E-02	5.23E-03
	Ambrosia	BA	5.94E-01	3.66E-04	9.67E-06	1.93E-05	1.93E-05	1.93E-05	1.93E-05	1.93E-05	1.93E-05	1.93E-05	7.80E-01	4.29E-04	4.29E-04	4.66E-03	4.66E-03	3.16E-04	1.66E-02	ND
	Ambrosia	BE	7.15E-04	4.41E-07	1.17E-08	2.33E-08	2.33E-08	2.33E-08	2.33E-08	2.33E-08	2.33E-08	2.33E-08	2.63E-04	1.44E-07	1.44E-07	1.57E-06	1.57E-06	1.07E-07	1.00E-03	ND
	Ambrosia	CD	2.18E+00	1.34E-03	3.55E-05	6.59E-05	6.59E-05	6.59E-05	6.59E-05	6.59E-05	6.59E-05	6.59E-05	9.14E-02	5.00E-05	5.00E-05	5.43E-04	5.43E-04	3.70E-05	6.80E-02	1.02E-02
	Ambrosia	CO	6.61E-04	4.07E-07	1.08E-08	2.15E-08	2.15E-08	2.15E-08	2.15E-08	2.15E-08	2.15E-08	2.15E-08	3.72E-01	1.96E-04	1.96E-04	2.13E-03	2.13E-03	1.81E-04	4.00E-03	ND
	Ambrosia	CR	2.56E+00	1.58E-03	4.17E-05	8.35E-05	8.35E-05	8.35E-05	8.35E-05	8.35E-05	8.35E-05	8.35E-05	4.46E-02	1.47E-05	1.47E-05	1.60E-04	1.60E-04	8.70E-06	6.40E-03	1.20E+00
	Ambrosia	CU	1.14E+00	7.03E-04	1.86E-05	3.72E-05	3.72E-05	3.72E-05	3.72E-05	3.72E-05	3.72E-05	3.72E-05	2.16E+00	7.10E-04	7.10E-04	7.72E-03	7.72E-03	4.21E-04	9.10E-02	1.09E-01
	Ambrosia	FE	1.82E+00	1.12E-03	2.96E-05	5.91E-05	5.91E-05	5.91E-05	5.91E-05	5.91E-05	5.91E-05	5.91E-05	5.82E+00	3.20E-03	3.20E-03	3.47E-02	3.47E-02	2.36E-03	ND	1.02E-01
	Ambrosia	HG	2.15E-02	1.32E-05	3.50E-07	7.01E-07	7.01E-07	7.01E-07	7.01E-07	7.01E-07	7.01E-07	7.01E-07	8.74E-03	3.65E-06	3.65E-06	3.97E-05	3.97E-05	2.70E-06	2.58E-02	7.75E-03
	Ambrosia	MN	1.61E-01	9.90E-05	2.62E-06	5.24E-06	5.24E-06	5.24E-06	5.24E-06	5.24E-06	5.24E-06	5.24E-06	1.59E-01	8.73E-05	8.73E-05	9.49E-04	9.49E-04	6.45E-05	1.90E-02	ND
	Ambrosia	NI	6.20E-01	3.82E-04	1.01E-05	2.02E-05	2.02E-05	2.02E-05	2.02E-05	2.02E-05	2.02E-05	2.02E-05	9.19E-02	5.04E-05	5.04E-05	5.48E-04	5.48E-04	3.73E-05	1.04E-02	1.30E-02
	Ambrosia	PB	1.77E-01	2.18E-05	2.88E-06	4.62E-06	4.62E-06	4.62E-06	4.62E-06	4.62E-06	4.62E-06	4.62E-06	1.03E-01	5.67E-05	5.67E-05	6.16E-04	6.16E-04	4.19E-05	7.49E-04	6.11E-04
	Ambrosia	SB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.97E-01	1.63E-04	1.63E-04	1.77E-03	1.77E-03	1.21E-04	3.19E-02	ND
	Ambrosia	SE	3.01E+00	1.85E-03	4.90E-05	9.09E-05	9.09E-05	9.09E-05	9.09E-05	9.09E-05	9.09E-05	9.09E-05	2.09E+00	8.62E-04	8.62E-04	9.37E-03	9.37E-03	6.38E-04	2.81E-01	4.02E-03
	Ambrosia	V	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.05E-01	2.74E-05	2.74E-05	3.77E-04	3.77E-04	2.52E-05	7.50E-02	ND

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Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	American			Golden Eagle	Bald Eagle	Deer		Mule Deer	Kit		Soil Fauna
			Passerines	Kestrel	Great Horned Owl			Mouse	Deer		Jackrabbit	Fox	
37 (cont.)	Ambrosia	ZN	9.64E+00	5.94E-03	1.57E-04	3.14E-04	3.14E-04	2.05E+00	5.40E-04	5.40E-04	7.35E-03	5.00E-04	7.50E-01
	Rabbitbrush	AG	4.50E-02	2.77E-05	7.33E-07	1.46E-06	1.46E-06	2.21E-03	5.82E-07	5.82E-07	7.90E-06	5.38E-07	4.04E-02
	Rabbitbrush	AL	ND	ND	ND	ND	ND	4.08E+00	1.68E-03	1.68E-03	1.46E-02	1.24E-03	2.51E-01
	Rabbitbrush	AS	1.78E-01	1.10E-04	2.91E-06	5.81E-06	5.81E-06	1.05E-01	5.80E-05	5.80E-05	6.31E-04	4.29E-05	3.60E-02
	Rabbitbrush	BA	5.01E-01	3.08E-04	8.16E-06	1.63E-05	1.63E-05	6.58E-01	3.62E-04	3.62E-04	3.93E-03	2.66E-04	6.00E-03
	Rabbitbrush	BE	2.15E-04	1.32E-07	3.50E-09	6.99E-09	6.99E-09	7.88E-05	4.32E-08	4.32E-08	4.70E-07	3.20E-08	1.40E-02
	Rabbitbrush	CD	2.35E+00	1.45E-03	3.83E-05	7.11E-05	7.11E-05	9.86E-02	5.39E-05	5.39E-05	5.86E-04	3.99E-05	7.33E-02
	Rabbitbrush	CO	8.26E-04	5.09E-07	1.35E-08	2.69E-08	2.69E-08	4.65E-01	2.45E-04	2.45E-04	2.66E-03	2.27E-04	1.10E-02
	Rabbitbrush	CR	2.83E+00	1.74E-03	4.61E-05	9.22E-05	9.22E-05	4.93E-02	1.62E-05	1.62E-05	1.76E-04	9.60E-06	1.33E+00
	Rabbitbrush	CU	1.05E+00	6.49E-04	1.72E-05	3.43E-05	3.43E-05	1.99E+00	6.55E-04	6.55E-04	7.13E-03	3.88E-04	8.40E-02
	Rabbitbrush	FE	3.29E+00	2.03E-03	5.36E-05	1.07E-04	1.07E-04	1.06E+01	5.80E-03	5.80E-03	6.30E-02	4.28E-03	1.00E-01
	Rabbitbrush	HG	1.39E-02	8.55E-06	2.26E-07	4.52E-07	4.52E-07	5.64E-03	2.36E-06	2.36E-06	2.56E-05	1.74E-06	1.85E-01
	Rabbitbrush	MN	2.78E-01	1.71E-04	4.52E-06	9.04E-06	9.04E-06	2.75E-01	1.51E-04	1.51E-04	1.64E-03	1.11E-04	ND
	Rabbitbrush	NI	5.72E-01	3.52E-04	9.32E-06	1.86E-05	1.86E-05	8.48E-02	4.65E-05	4.65E-05	5.06E-04	3.44E-05	9.60E-03
	Rabbitbrush	PB	8.62E-01	1.06E-04	1.40E-05	2.25E-05	2.25E-05	5.03E-01	2.76E-04	2.76E-04	3.00E-03	2.04E-04	3.64E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.74E-01	2.60E-04	2.60E-04	2.83E-03	1.92E-04	5.10E-02
	Rabbitbrush	SE	2.29E+00	1.41E-03	3.73E-05	6.92E-05	6.92E-05	1.59E+00	6.56E-04	6.56E-04	7.14E-03	4.85E-04	2.14E-01
	Rabbitbrush	V	ND	ND	ND	ND	ND	2.25E-01	5.83E-05	5.83E-05	8.04E-04	5.37E-05	1.60E-01
	Rabbitbrush	ZN	6.61E+00	4.07E-03	1.08E-04	2.15E-04	2.15E-04	1.41E+00	3.70E-04	3.70E-04	5.03E-03	3.42E-04	5.14E-01
	Sweetclover	AG	2.00E-02	1.23E-05	3.26E-07	6.48E-07	6.48E-07	9.81E-04	2.58E-07	2.58E-07	3.51E-06	2.39E-07	1.79E-02
	Sweetclover	AL	ND	ND	ND	ND	ND	1.28E+00	5.27E-04	5.27E-04	4.58E-03	3.89E-04	7.85E-02
	Sweetclover	AS	2.03E-01	1.25E-04	3.31E-06	6.62E-06	6.62E-06	2.17E+00	6.61E-05	6.61E-05	7.19E-04	4.89E-05	4.10E-02
	Sweetclover	BA	1.65E+00	1.02E-03	2.69E-05	5.38E-05	5.38E-05	1.19E-03	1.19E-03	1.19E-03	1.30E-02	8.79E-04	4.62E-02
	Sweetclover	BE	1.43E-04	8.81E-08	2.33E-09	4.66E-09	4.66E-09	5.25E-05	2.88E-08	2.88E-08	3.13E-07	2.13E-08	2.00E-04
	Sweetclover	CD	2.35E+00	1.45E-03	3.83E-05	7.11E-05	7.11E-05	9.86E-02	5.39E-05	5.39E-05	5.86E-04	3.99E-05	7.33E-02
	Sweetclover	CO	6.61E-04	4.07E-07	1.08E-08	2.15E-08	2.15E-08	3.72E-01	1.96E-04	1.96E-04	2.13E-03	1.81E-04	4.00E-03
	Sweetclover	CR	1.71E+00	1.05E-03	2.78E-05	5.57E-05	5.57E-05	2.98E-02	9.80E-06	9.80E-06	1.07E-04	5.80E-06	4.27E-03
	Sweetclover	CU	5.27E-01	3.25E-04	8.59E-06	1.72E-05	1.72E-05	9.95E-01	3.28E-04	3.28E-04	3.56E-03	1.94E-04	4.20E-02
	Sweetclover	FE	1.46E+00	9.02E-04	2.39E-05	4.77E-05	4.77E-05	4.70E+00	2.58E-03	2.58E-03	2.80E-02	1.90E-03	ND
	Sweetclover	HG	2.78E-02	1.71E-05	4.52E-07	9.04E-07	9.04E-07	1.13E-02	4.71E-06	4.71E-06	5.12E-05	3.48E-06	3.33E-02
	Sweetclover	MN	2.71E-01	1.67E-04	4.41E-06	8.82E-06	8.82E-06	2.68E-01	1.47E-04	1.47E-04	1.60E-03	1.09E-04	3.20E-02
	Sweetclover	NI	1.29E-01	7.93E-05	2.10E-06	4.20E-06	4.20E-06	1.91E-02	1.05E-05	1.05E-05	1.14E-04	7.74E-06	2.16E-03
	Sweetclover	PB	3.35E-01	4.13E-05	5.46E-06	8.74E-06	8.74E-06	1.96E-01	1.07E-04	1.07E-04	1.17E-03	7.93E-05	1.42E-03
	Sweetclover	SB	ND	ND	ND	ND	ND	8.53E-01	4.68E-04	4.68E-04	5.09E-03	3.46E-04	9.17E-02
	Sweetclover	SE	3.16E+00	1.95E-03	5.15E-05	9.56E-05	9.56E-05	2.20E+00	9.07E-04	9.07E-04	9.86E-03	6.71E-04	2.96E-01
	Sweetclover	V	ND	ND	ND	ND	ND	4.33E-02	1.13E-05	1.13E-05	1.55E-04	1.04E-05	3.09E-02
	Sweetclover	ZN	2.75E+00	1.69E-03	4.48E-05	8.96E-05	8.96E-05	5.85E-01	1.54E-04	1.54E-04	2.10E-03	1.43E-04	2.14E-01
	Gumweed	AG	4.40E-02	1.39E-03	3.68E-05	7.34E-05	7.34E-05	2.16E-03	2.92E-05	2.92E-05	3.97E-04	2.70E-05	3.94E-02
	Gumweed	AL	ND	ND	ND	ND	ND	3.03E+00	6.43E-02	6.43E-02	5.59E-01	4.75E-02	1.86E-01
	Gumweed	AS	4.61E-01	1.46E-02	3.86E-04	7.72E-04	7.72E-04	2.72E-01	7.71E-03	7.71E-03	8.38E-02	5.70E-03	9.30E-02
	Gumweed	BA	2.21E+00	7.00E-02	1.85E-03	3.70E-03	3.70E-03	2.90E+00	8.21E-02	8.21E-02	8.93E-01	6.05E-02	6.18E-02

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Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	American			Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
			Passerines	Kestrel	Horned Owl								
42 (cont.)	Gumweed	BE	2.15E-04	6.80E-06	1.80E-07	3.60E-07	3.60E-07	7.88E-05	2.22E-06	2.42E-05	1.64E-06	3.00E-04	ND
	Gumweed	CD	4.80E+00	1.52E-01	4.03E-03	7.48E-03	7.48E-03	2.02E-01	5.67E-03	6.17E-02	4.19E-03	1.50E-01	2.25E-02
	Gumweed	CO	1.07E-03	3.40E-05	9.00E-07	1.80E-06	1.80E-06	6.03E-01	1.64E-02	1.78E-01	1.51E-02	6.50E-03	ND
	Gumweed	CR	2.56E+00	8.12E-02	2.13E-07	4.29E-03	4.29E-03	4.46E-02	7.56E-04	8.22E-03	4.47E-04	6.40E-03	1.20E+00
	Gumweed	CU	1.19E+00	3.78E-02	9.99E-04	2.00E-03	2.00E-03	2.25E+00	3.81E-02	4.15E-01	2.26E-02	9.50E-02	1.13E-01
	Gumweed	FE	2.47E+00	7.83E-02	2.07E-03	4.14E-03	4.14E-03	7.93E+00	2.24E-01	2.44E+00	1.65E-01	ND	1.39E-01
	Gumweed	HG	2.78E-02	8.79E-04	2.33E-05	4.65E-05	4.65E-05	1.13E-02	2.42E-04	2.63E-03	1.79E-04	3.33E-02	1.00E-02
	Gumweed	MN	3.11E-01	9.86E-03	2.61E-04	5.22E-04	5.22E-04	3.08E-01	8.70E-03	9.46E-02	6.43E-03	3.68E-02	ND
	Gumweed	NI	2.62E-01	8.31E-03	2.20E-04	4.40E-04	4.40E-04	3.89E-02	1.10E-03	1.19E-02	8.11E-04	4.40E-03	5.50E-03
	Gumweed	PB	1.49E+01	9.46E-02	1.25E-02	2.00E-02	2.00E-02	8.73E+00	2.46E-01	2.67E+00	1.82E-01	6.32E-02	5.15E-02
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	8.66E-03	9.42E-02	6.41E-03	3.30E-02	ND
	Gumweed	SE	3.04E+00	9.64E-02	2.55E-03	4.73E-03	4.73E-03	2.12E+00	4.49E-02	4.88E-01	3.32E-02	2.85E-01	4.07E-03
	Gumweed	V	ND	ND	ND	ND	ND	1.33E-01	1.79E-03	2.46E-02	1.64E-03	9.50E-02	ND
	Gumweed	ZN	5.96E+00	1.89E-01	5.00E-03	9.99E-03	9.99E-03	1.27E+00	1.72E-02	2.34E-01	1.59E-02	4.64E-01	1.16E-01
	Rabbitbrush	AG	4.51E-02	1.43E-03	3.78E-05	7.52E-05	7.52E-05	2.21E-03	3.00E-05	4.07E-04	2.77E-05	4.04E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	2.05E+00	4.35E-02	3.78E-01	3.21E-02	1.26E-01	3.28E-02
	Rabbitbrush	AS	3.86E-01	1.22E-02	3.24E-04	6.47E-04	6.47E-04	2.28E-01	6.46E-03	7.02E-02	4.78E-03	7.79E-02	1.30E-02
	Rabbitbrush	BA	4.51E+00	1.43E-01	3.78E-03	7.55E-03	7.55E-03	5.92E+00	1.68E-01	1.82E+00	1.23E-01	1.26E-01	ND
	Rabbitbrush	BE	2.15E-04	6.80E-06	1.80E-07	3.60E-07	3.60E-07	7.88E-05	2.22E-06	2.42E-05	1.64E-06	3.00E-04	ND
	Rabbitbrush	CD	2.34E+00	7.42E-02	1.96E-03	3.65E-03	3.65E-03	9.84E-02	2.77E-03	3.01E-02	2.05E-03	7.32E-02	1.10E-02
	Rabbitbrush	CO	6.29E-04	1.99E-05	5.27E-07	1.05E-06	1.05E-06	3.54E-01	9.59E-03	1.04E-01	8.87E-03	3.81E-03	ND
	Rabbitbrush	CR	2.38E+00	7.53E-02	1.99E-03	3.99E-03	3.99E-03	4.14E-02	7.02E-04	7.63E-03	4.15E-04	5.94E-03	1.11E+00
	Rabbitbrush	CU	1.26E+00	4.00E-02	1.06E-03	2.12E-03	2.12E-03	2.39E+00	4.04E-02	4.39E-01	2.39E-02	1.01E-01	1.20E-01
	Rabbitbrush	HG	1.94E+00	6.16E-02	1.63E-03	3.26E-03	3.26E-03	6.23E+00	1.76E-01	1.91E+00	1.30E-01	ND	1.09E-01
	Rabbitbrush	MN	2.61E-02	8.27E-04	2.19E-05	4.38E-05	4.38E-05	1.06E-02	2.28E-04	2.48E-03	1.69E-04	3.14E-02	9.41E-03
	Rabbitbrush	NI	4.55E-01	1.44E-02	3.81E-04	7.63E-04	7.63E-04	4.50E-01	1.27E-02	1.38E-01	9.40E-03	5.38E-02	ND
	Rabbitbrush	PB	3.38E-01	1.07E-02	2.83E-04	5.66E-04	5.66E-04	5.01E-02	1.41E-03	1.54E-02	1.04E-03	5.67E-03	7.09E-03
	Rabbitbrush	SB	1.24E+01	7.88E-02	1.04E-02	1.67E-02	1.67E-02	7.27E+00	2.05E-01	2.23E+00	1.51E-01	5.26E-02	4.29E-02
	Rabbitbrush	SE	ND	ND	ND	ND	ND	1.01E+00	2.86E-02	3.11E-01	2.11E-02	1.09E-01	ND
	Rabbitbrush	SE	2.36E+00	7.46E-02	1.97E-03	3.66E-03	3.66E-03	1.64E+00	3.47E-02	3.78E-01	2.57E-02	2.21E-01	3.15E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	9.20E-02	1.23E-03	1.69E-02	1.13E-03	6.56E-02	ND
	Rabbitbrush	ZN	5.66E+00	1.79E-01	4.74E-03	9.48E-03	9.48E-03	1.20E+00	1.63E-02	2.22E-01	1.51E-02	4.40E-01	1.10E-01
	Sweetclover	AG	2.00E-02	6.35E-04	1.68E-05	3.34E-05	3.34E-05	9.83E-04	1.33E-05	1.81E-04	1.23E-05	1.80E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	1.06E+00	2.25E-02	1.96E-01	1.67E-02	6.53E-02	1.70E-02
	Sweetclover	AS	2.68E-01	8.47E-03	2.24E-04	4.48E-04	4.48E-04	1.58E-01	4.47E-03	4.87E-02	3.31E-03	5.40E-02	9.00E-03
	Sweetclover	BA	2.67E+01	8.44E-01	2.23E-02	4.47E-02	4.47E-02	3.50E+01	9.90E-01	1.08E+01	7.29E-01	7.45E-01	ND
	Sweetclover	BE	1.43E-04	4.53E-06	1.20E-07	2.40E-07	2.40E-07	5.23E-05	1.48E-06	1.61E-05	1.10E-06	2.00E-04	ND
	Sweetclover	CD	4.86E+00	1.54E-01	4.07E-03	7.56E-03	7.56E-03	2.04E-01	5.73E-03	6.23E-02	4.24E-03	1.52E-01	2.28E-02
	Sweetclover	CO	3.15E-03	9.97E-05	2.64E-06	5.27E-06	5.27E-06	1.77E+00	4.80E-02	5.22E-01	4.44E-02	1.91E-02	ND
	Sweetclover	CR	2.72E+00	8.60E-02	2.27E-03	4.55E-03	4.55E-03	4.73E-02	8.01E-04	8.71E-03	4.74E-04	6.78E-03	1.27E+00
	Sweetclover	CU	8.48E-01	2.69E-02	7.10E-04	1.42E-03	1.42E-03	1.60E+00	2.71E-02	2.95E-01	1.61E-02	6.76E-02	8.06E-02

Final Hazard Quotients for Metals in Biota (continued)

SWMU															
Number	Matrix	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Kit	Plants	Soil			
42 (cont.)	Sweetclover	FE	1.02E+00	3.23E-02	8.54E-04	1.71E-03	1.71E-03	3.27E+00	9.23E-02	1.00E+00	6.81E-02	5.73E-02			
	Sweetclover	HG	5.13E-02	1.62E-03	4.30E-05	8.59E-05	8.59E-05	2.08E-02	4.48E-04	4.87E-03	3.31E-04	1.85E-02			
	Sweetclover	MN	1.97E-01	6.23E-03	1.65E-04	3.30E-04	3.30E-04	1.93E-01	5.49E-03	5.97E-02	4.06E-03	2.32E-02			
	Sweetclover	NI	2.09E-01	6.61E-03	1.75E-04	3.50E-04	3.50E-04	3.09E-02	8.73E-04	9.49E-03	6.45E-04	4.38E-03			
	Sweetclover	PB	1.70E+01	1.08E-01	1.43E-02	2.29E-02	2.29E-02	9.95E+00	2.80E-01	3.05E+00	2.07E-01	5.87E-02			
	Sweetclover	SB	ND	ND	ND	ND	ND	1.64E+00	4.62E-02	5.02E-01	3.42E-02	1.76E-01			
	Sweetclover	SE	3.26E+00	1.03E-01	2.73E-03	5.07E-03	5.07E-03	2.27E+00	4.80E-02	5.22E-01	3.55E-02	4.36E-03			
	Sweetclover	V	ND	ND	ND	ND	ND	6.30E-02	8.44E-04	1.16E-02	7.75E-04	4.49E-02			
	Sweetclover	ZN	2.12E+00	6.72E-02	1.78E-03	3.56E-03	3.56E-03	4.52E-01	6.12E-03	8.32E-02	5.66E-03	4.13E-02			
45	Gumweed	AG	4.40E-02	1.94E-04	5.12E-06	1.02E-05	1.02E-05	2.16E-03	4.07E-06	5.53E-05	3.76E-06	ND			
	Gumweed	AL	ND	ND	ND	ND	ND	3.30E+00	9.71E-03	8.45E-02	7.18E-03	ND			
	Gumweed	AS	3.62E-01	1.59E-03	4.21E-05	8.42E-05	8.42E-05	2.14E-01	8.40E-04	9.14E-03	6.22E-04	5.29E-02			
	Gumweed	BA	1.10E+00	4.85E-03	1.28E-04	2.56E-04	2.56E-04	1.45E+00	5.69E-03	6.18E-02	4.19E-03	1.22E-02			
	Gumweed	BE	2.15E-04	9.44E-07	2.50E-08	5.00E-08	5.00E-08	7.88E-05	3.09E-07	3.36E-06	2.28E-07	ND			
	Gumweed	CD	2.46E+01	1.08E-01	2.86E-03	5.31E-03	5.31E-03	1.03E+00	4.03E-03	4.38E-02	2.98E-03	ND			
	Gumweed	CO	7.44E-04	3.27E-06	8.65E-08	1.73E-07	1.73E-07	4.19E-01	1.58E-03	1.71E-02	1.46E-03	1.15E-01			
	Gumweed	CR	1.87E+00	8.22E-03	2.17E-04	4.35E-04	4.35E-04	3.26E-02	7.66E-05	8.33E-04	4.53E-05	ND			
	Gumweed	CU	1.24E+00	5.46E-03	1.45E-04	2.89E-04	2.89E-04	2.35E+00	5.52E-03	6.00E-02	4.53E-05	8.75E-01			
	Gumweed	FE	2.30E+00	1.01E-02	2.67E-04	5.34E-04	5.34E-04	7.36E+00	2.89E-02	3.14E-01	2.13E-02	1.18E-01			
	Gumweed	HG	2.73E-02	1.20E-04	3.18E-06	6.36E-06	6.36E-06	1.11E-02	3.31E-05	3.60E-04	2.45E-05	ND			
	Gumweed	MN	4.76E-01	2.09E-03	5.53E-05	1.11E-04	1.11E-04	4.70E-01	1.84E-03	2.01E-02	1.36E-03	9.85E-03			
	Gumweed	NI	1.24E-01	5.45E-04	1.44E-05	2.89E-05	2.89E-05	1.84E-02	7.20E-05	7.83E-04	5.32E-05	2.60E-03			
	Gumweed	PB	1.15E+00	1.01E-03	1.34E-04	2.14E-04	2.14E-04	6.71E-01	2.63E-03	2.85E-02	1.94E-03	3.96E-03			
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	1.20E-03	1.31E-02	8.90E-04	ND			
	Gumweed	SE	9.08E+00	3.99E-02	1.06E-03	1.96E-03	1.96E-03	6.32E+00	1.86E-02	2.02E-01	1.38E-02	1.21E-02			
	Gumweed	V	ND	ND	ND	ND	ND	1.19E-01	2.22E-04	3.05E-03	2.04E-04	ND			
	Gumweed	ZN	1.01E+01	4.44E-02	1.18E-03	2.35E-03	2.35E-03	2.15E+00	4.05E-03	5.50E-02	3.74E-03	1.97E-01			
	Jackrabbit	AG	1.03E-01	4.55E-04	1.20E-05	2.40E-05	2.40E-05	5.08E-03	9.56E-06	1.30E-04	8.83E-06	ND			
	Jackrabbit	AL	ND	ND	ND	ND	ND	4.90E-01	1.44E-03	1.25E-02	1.07E-03	ND			
	Jackrabbit	AS	6.69E-02	2.94E-04	7.79E-06	1.56E-05	1.56E-05	3.95E-02	1.55E-04	1.69E-03	1.15E-04	7.84E-03			
	Jackrabbit	BA	2.86E-01	1.26E-03	3.33E-05	6.65E-05	6.65E-05	3.75E-01	1.48E-03	1.60E-02	1.09E-03	2.25E-03			
	Jackrabbit	BE	1.43E-04	6.29E-07	1.67E-08	3.33E-08	3.33E-08	5.25E-05	2.06E-07	2.24E-06	1.52E-07	ND			
	Jackrabbit	CD	1.80E+00	7.91E-03	2.09E-04	3.89E-04	3.89E-04	7.55E-02	2.95E-04	3.20E-03	2.18E-04	ND			
	Jackrabbit	CO	3.51E-04	1.54E-06	4.09E-08	8.17E-08	8.17E-08	1.98E-01	7.44E-04	8.09E-03	5.61E-02	8.42E-03			
	Jackrabbit	CR	2.12E+00	9.31E-03	2.46E-04	4.93E-04	4.93E-04	3.69E-02	8.67E-05	9.43E-04	6.88E-04	ND			
	Jackrabbit	CU	2.08E+00	9.17E-03	2.43E-04	4.85E-04	4.85E-04	3.94E+00	9.26E-03	1.01E-01	5.13E-05	2.13E-03			
	Jackrabbit	FE	2.18E+00	9.60E-03	3.20E-06	5.08E-04	5.08E-04	7.00E+00	2.74E-02	2.98E-01	5.29E-03	ND			
	Jackrabbit	HG	2.75E-02	1.21E-04	3.20E-06	6.41E-06	6.41E-06	1.12E-02	3.34E-05	3.63E-04	1.66E-01	9.91E-01			
	Jackrabbit	MN	5.68E-02	2.50E-04	6.60E-06	1.32E-05	1.32E-05	5.61E-02	2.20E-04	2.39E-03	5.48E-03	1.98E-01			
	Jackrabbit	NI	6.66E-02	2.93E-04	7.75E-06	1.55E-05	1.55E-05	9.87E-03	3.87E-05	4.21E-04	2.02E-02	1.23E-01			
	Jackrabbit	PB	6.09E+01	5.36E-02	7.09E-03	1.14E-02	1.14E-02	3.56E+01	1.39E-01	1.51E+00	2.47E-05	9.92E-03			
											3.31E-02	ND			
											6.71E-03	9.92E-03			
											1.63E-04	ND			
											2.86E-05	1.40E-03			
											4.21E-04	2.10E-01			
											1.03E-01	2.58E-01			

Final Hazard Quotients for Metals in Biota (continued)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
45 (cont.)	Jackrabbit	SB	ND	ND	ND	ND	ND	6.01E-01	2.36E-03	2.56E-02	1.74E-03	6.46E-02	ND
	Jackrabbit	SE	1.33E+00	5.87E-03	1.55E-04	2.88E-04	2.88E-04	9.30E-01	2.73E-03	2.97E-02	2.02E-03	1.25E-01	1.79E-03
	Jackrabbit	V	ND	ND	ND	ND	ND	1.96E-02	3.63E-05	5.02E-04	3.35E-05	1.40E-02	ND
	Jackrabbit	ZN	5.81E+00	2.55E-02	6.76E-04	1.35E-03	1.35E-03	1.24E+00	2.33E-05	3.16E-02	2.15E-03	4.52E-01	1.13E-01
	Rabbitbrush	AG	4.47E-02	1.97E-04	5.20E-06	1.04E-05	1.04E-05	2.19E-03	4.13E-06	5.61E-05	3.82E-06	4.01E-02	ND
	Rabbitbrush	AL	ND	ND	ND	ND	ND	8.63E-01	2.54E-03	2.21E-02	1.88E-03	5.30E-02	1.38E-02
	Rabbitbrush	AS	2.03E-01	8.93E-04	2.36E-05	4.72E-05	4.72E-05	1.20E-01	4.72E-04	5.13E-03	3.49E-04	4.10E-02	6.83E-03
	Rabbitbrush	BA	2.98E-01	1.31E-03	3.46E-05	6.92E-05	6.92E-05	3.91E-01	1.54E-03	1.67E-02	1.13E-03	8.32E-03	ND
	Rabbitbrush	BE	2.11E-04	9.28E-07	2.46E-08	4.91E-08	4.91E-08	7.74E-05	3.04E-07	3.30E-06	2.25E-07	2.95E-04	ND
	Rabbitbrush	CD	3.15E+00	1.38E-02	3.66E-04	6.80E-04	6.80E-04	1.32E-01	5.16E-04	5.61E-03	3.81E-04	9.82E-02	1.47E-02
	Rabbitbrush	CO	6.63E-04	2.92E-06	7.72E-08	1.54E-07	1.54E-07	3.73E-01	1.41E-03	1.53E-02	1.30E-03	4.02E-03	ND
	Rabbitbrush	CR	1.09E+00	4.78E-03	1.26E-04	2.53E-04	2.53E-04	1.89E-02	4.43E-05	4.84E-04	2.63E-05	2.71E-03	5.09E-01
	Rabbitbrush	CU	6.29E-01	2.76E-03	7.31E-05	2.12E-04	2.12E-04	1.19E+00	2.79E-03	3.04E-02	1.63E-03	5.01E-02	5.98E-02
	Rabbitbrush	FE	9.13E-01	4.02E-03	1.06E-04	1.46E-04	1.46E-04	2.93E+00	1.15E-02	1.25E-01	8.47E-03	ND	5.13E-02
	Rabbitbrush	HG	4.22E-02	1.86E-04	4.91E-06	9.83E-06	9.83E-06	1.71E-02	5.12E-05	5.57E-04	3.79E-05	5.07E-02	1.52E-02
	Rabbitbrush	MN	3.59E-01	1.58E-03	4.18E-05	8.36E-05	8.36E-05	3.55E-01	1.39E-03	1.51E-02	1.03E-03	4.24E-02	ND
	Rabbitbrush	NI	2.54E-01	1.12E-03	2.95E-05	5.91E-05	5.91E-05	3.76E-02	1.47E-04	1.60E-03	1.09E-04	4.26E-03	5.32E-03
	Rabbitbrush	PB	7.42E-01	6.53E-04	8.63E-05	1.38E-04	1.38E-04	4.34E-01	1.70E-03	1.84E-02	1.25E-03	3.14E-03	2.56E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	4.83E-01	1.89E-03	2.06E-02	1.40E-03	5.20E-02	ND
	Rabbitbrush	SE	2.36E+00	1.04E-02	2.74E-04	5.09E-04	5.09E-04	1.64E+00	4.83E-03	5.25E-02	3.57E-03	2.21E-01	3.15E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	4.99E-02	9.28E-05	1.28E-03	8.52E-05	3.55E-02	ND
	Rabbitbrush	ZN	3.63E+00	1.60E-02	4.22E-04	8.45E-04	8.45E-04	7.73E-01	1.45E-03	1.98E-02	1.34E-03	2.82E-01	7.06E-02
	Sweetclover	AG	2.00E-02	8.78E-05	2.32E-06	4.63E-06	4.63E-06	9.79E-04	1.84E-06	2.50E-05	1.70E-06	1.79E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	4.95E-01	1.46E-03	1.27E-02	1.08E-03	3.04E-02	7.93E-03
	Sweetclover	AS	2.13E-01	9.38E-04	2.48E-05	4.96E-05	4.96E-05	1.26E-01	4.95E-04	5.38E-03	3.66E-04	4.30E-02	7.17E-03
	Sweetclover	BA	1.37E+00	6.04E-03	1.60E-04	3.20E-04	3.20E-04	1.80E+00	7.09E-03	7.71E-02	5.22E-03	3.84E-02	ND
	Sweetclover	BE	1.43E-04	6.29E-07	1.67E-08	3.33E-08	3.33E-08	5.25E-05	2.06E-07	2.24E-06	1.52E-07	2.00E-04	ND
	Sweetclover	CD	2.03E+00	8.92E-03	2.36E-04	4.38E-04	4.38E-04	8.52E-02	3.33E-04	3.62E-03	2.46E-04	6.33E-02	9.50E-03
	Sweetclover	CO	7.44E-04	3.27E-06	8.65E-08	1.73E-07	1.73E-07	4.19E-01	1.58E-03	1.71E-02	1.46E-03	4.50E-03	ND
	Sweetclover	CR	1.23E+00	5.40E-03	1.43E-04	2.86E-04	2.86E-04	2.14E-02	5.03E-05	5.47E-04	2.98E-05	3.07E-03	5.75E-01
	Sweetclover	CU	2.64E-01	1.16E-03	3.07E-05	6.13E-05	6.13E-05	4.98E-01	1.17E-03	1.27E-02	6.93E-04	2.10E-02	2.51E-02
	Sweetclover	FE	5.37E-01	2.36E-03	6.25E-05	1.25E-04	1.25E-04	1.72E+00	6.76E-03	7.35E-02	4.99E-03	ND	3.02E-02
	Sweetclover	HG	2.78E-02	1.22E-04	3.23E-06	6.46E-06	6.46E-06	1.13E-02	3.37E-05	3.66E-04	2.49E-05	3.33E-02	1.00E-02
	Sweetclover	MN	2.29E-01	1.01E-03	2.66E-05	5.32E-05	5.32E-05	2.26E-01	8.86E-04	9.64E-03	6.55E-04	2.70E-02	ND
	Sweetclover	NI	1.10E-01	4.83E-04	1.28E-05	2.55E-05	2.55E-05	1.63E-02	6.37E-05	6.93E-04	4.71E-05	1.84E-03	2.30E-03
	Sweetclover	PB	4.79E-01	4.21E-04	5.57E-05	8.92E-05	8.92E-05	2.80E-01	1.09E-03	1.19E-02	8.09E-04	2.02E-03	1.65E-03
	Sweetclover	SB	ND	ND	ND	ND	ND	8.86E-01	3.47E-03	3.78E-02	2.57E-03	9.52E-02	ND
	Sweetclover	SE	3.22E+00	1.42E-02	3.75E-04	6.97E-04	6.97E-04	2.25E+00	6.61E-03	7.18E-02	4.89E-03	3.02E-01	4.31E-03
	Sweetclover	V	ND	ND	ND	ND	ND	4.33E-02	8.05E-05	1.11E-03	7.39E-05	3.08E-02	ND
	Sweetclover	ZN	1.23E+00	5.43E-03	1.44E-04	2.87E-04	2.87E-04	2.63E-01	4.94E-04	6.72E-03	4.57E-04	9.60E-02	2.40E-02
RSA	Gumweed	AG	4.38E-02	9.15E-03	3.26E-03	6.50E-03	6.50E-03	2.15E-03	1.62E-04	5.66E-04	1.83E-03	3.93E-02	ND

Final Hazard Quotients for Metals in Biota (continued)

SWMU																
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna		
RSA (cont.)	Gumweed	AL	ND	ND	ND	ND	ND	4.45E+00	5.23E-01		1.17E+00	4.72E+00	2.73E-01	7.12E-02		
	Gumweed	AS	1.56E-01	3.26E-02	1.16E-02	2.33E-02	2.33E-02	9.23E-02	1.45E-02		4.06E-02	1.31E-01	3.15E-02	5.25E-03		
	Gumweed	BA	1.37E+00	2.87E-01	1.02E-01	2.05E-01	2.05E-01	1.80E+00	2.84E-01		7.94E-01	2.55E+00	3.84E-02	ND		
	Gumweed	BE	8.70E-04	1.82E-04	6.48E-05	1.30E-04	1.30E-04	3.19E-04	5.01E-05		1.40E-04	4.52E-04	1.22E-03	ND		
	Gumweed	CD	6.15E+00	1.29E+00	4.58E-01	8.51E-01	8.51E-01	2.58E-01	4.04E-02		1.13E-01	3.64E-01	1.92E-01	2.88E-02		
	Gumweed	CO	7.26E-04	1.52E-04	5.41E-05	1.08E-04	1.08E-04	4.09E-01	6.15E-02		1.72E-01	6.95E-01	4.40E-03	ND		
	Gumweed	CR	2.40E+00	5.02E-01	1.79E-01	3.58E-01	3.58E-01	4.19E-02	3.94E-03		1.10E-02	2.84E-02	6.00E-03	1.13E+00		
	Gumweed	CU	1.22E+00	2.54E-01	9.07E-02	1.81E-01	1.81E-01	2.30E+00	2.16E-01		6.06E-01	1.56E+00	9.71E-02	1.16E-01		
	Gumweed	FE	3.13E+00	6.55E-01	2.33E-01	4.67E-01	4.67E-01	1.01E+01	1.58E+00		4.42E+00	1.42E+01	ND	1.76E-01		
	Gumweed	HG	2.75E-02	5.74E-03	2.05E-03	4.09E-03	4.09E-03	1.12E-02	1.33E-03		3.73E-03	1.20E-02	3.30E-02	9.90E-03		
	Gumweed	MN	6.77E-01	1.41E-01	5.04E-02	1.01E-01	1.01E-01	6.69E-01	1.05E-01		2.94E-01	9.47E-01	7.99E-02	ND		
	Gumweed	NI	5.47E-01	1.14E-01	4.07E-02	8.15E-02	8.15E-02	8.10E-02	1.27E-02		3.56E-02	1.15E-01	9.17E-03	1.15E-02		
	Gumweed	PB	6.84E-01	2.86E-02	5.09E-02	8.16E-02	8.16E-02	3.99E-01	6.25E-02		1.75E-01	5.64E-01	2.89E-03	2.36E-03		
	Gumweed	SB	ND	ND	ND	ND	ND	3.07E-01	4.81E-02		1.35E-01	4.35E-01	3.30E-02	ND		
	Gumweed	SE	4.31E+00	9.01E-01	3.21E-01	5.96E-01	5.96E-01	3.00E+00	3.53E-01		9.90E-01	3.19E+00	4.04E-01	5.77E-03		
	Gumweed	V	ND	ND	ND	ND	ND	1.72E-01	1.28E-02		4.53E-02	1.44E-01	1.23E-01	ND		
	Gumweed	ZN	5.48E+00	1.14E+00	4.08E-01	8.16E-01	8.16E-01	1.17E+00	8.78E-02		3.07E-01	9.90E-01	4.26E-01	1.07E-01		
	Jackrabbit	AG	1.03E-01	2.16E-02	7.71E-03	1.54E-02	1.54E-02	5.08E-03	3.82E-04		1.34E-03	4.31E-03	9.28E-02	ND		
	Jackrabbit	AL	ND	ND	ND	ND	ND	1.26E+00	1.48E-01		3.32E-01	1.34E+00	7.73E-02	2.02E-02		
	Jackrabbit	AS	9.29E-02	1.94E-02	6.92E-03	1.38E-02	1.38E-02	5.49E-02	8.63E-03		2.42E-02	7.80E-02	1.87E-02	3.12E-03		
	Jackrabbit	BA	7.13E-01	1.49E-01	5.31E-02	1.06E-01	1.06E-01	9.37E-01	1.47E-01		4.12E-01	1.32E+00	1.99E-02	ND		
	Jackrabbit	BE	1.43E-04	2.99E-05	1.07E-05	2.13E-05	2.13E-05	5.25E-05	8.24E-06		2.31E-05	7.44E-05	2.00E-04	ND		
	Jackrabbit	CD	8.96E-01	1.87E-01	6.67E-02	1.24E-01	1.24E-01	3.76E-02	5.88E-03		1.65E-02	5.30E-02	2.80E-02	4.20E-03		
	Jackrabbit	CO	3.32E-04	6.93E-05	2.47E-05	4.94E-05	4.94E-05	1.87E-01	2.81E-02		7.87E-02	3.17E-01	2.01E-03	ND		
	Jackrabbit	CR	2.25E+00	4.71E-01	1.68E-01	3.36E-01	3.36E-01	3.93E-02	3.69E-03		1.03E-02	2.67E-02	5.63E-03	1.06E+00		
	Jackrabbit	CU	3.32E-01	6.94E-02	2.47E-02	4.95E-02	4.95E-02	6.27E-01	5.90E-02		1.65E-01	4.27E-01	2.65E-02	3.16E-02		
	Jackrabbit	FE	2.07E+00	4.33E-01	1.54E-01	3.09E-01	3.09E-01	6.65E+00	1.04E+00		2.92E+00	9.39E+00	ND	1.16E-01		
	Jackrabbit	HG	3.80E-02	7.94E-03	2.83E-03	5.66E-03	5.66E-03	1.54E-02	1.84E-03		5.16E-03	1.66E-02	4.56E-02	1.37E-02		
	Jackrabbit	MN	5.97E-02	1.25E-02	4.45E-03	8.90E-03	8.90E-03	5.91E-02	9.27E-03		2.60E-02	8.36E-02	7.06E-03	ND		
	Jackrabbit	NI	3.10E-02	6.49E-03	2.31E-03	4.62E-03	4.62E-03	4.60E-03	7.21E-04		2.02E-03	6.51E-03	5.21E-04	6.51E-04		
	Jackrabbit	PB	9.90E+00	4.14E-01	7.37E-01	1.18E+00	1.18E+00	5.78E+00	9.05E-01		2.53E+00	8.17E+00	4.19E-02	3.41E-02		
	Jackrabbit	SB	ND	ND	ND	ND	ND	1.09E+00	1.71E-01		4.80E-01	1.55E+00	1.18E-01	ND		
	Jackrabbit	SE	4.97E+00	1.04E+00	3.70E-01	6.88E-01	6.88E-01	3.47E+00	4.08E-01		1.14E+00	3.68E+00	4.66E-01	6.66E-03		
	Jackrabbit	V	ND	ND	ND	ND	ND	3.78E-02	2.81E-03		9.96E-03	3.15E-02	2.69E-02	ND		
	Jackrabbit	ZN	5.53E+00	1.16E+00	4.12E-01	8.24E-01	8.24E-01	1.18E+00	8.86E-02		3.10E-01	1.00E+00	4.31E-01	1.08E-01		
	Rabbitbrush	AG	4.52E-02	9.43E-03	3.36E-03	6.70E-03	6.70E-03	2.22E-03	1.67E-04		5.84E-04	1.88E-03	4.05E-02	ND		
	Rabbitbrush	AL	ND	ND	ND	ND	ND	2.38E+00	2.80E-01		6.27E-01	2.52E+00	1.46E-01	3.81E-02		
	Rabbitbrush	AS	1.19E-01	2.50E-02	8.90E-03	1.78E-02	1.78E-02	7.06E-02	1.11E-02		3.11E-02	1.00E-01	2.41E-02	4.02E-03		
	Rabbitbrush	BA	3.34E-01	6.98E-02	2.49E-02	4.98E-02	4.98E-02	4.39E-01	6.90E-02		1.93E-01	6.20E-01	9.34E-03	ND		
	Rabbitbrush	BE	2.15E-04	4.48E-05	1.60E-05	3.20E-05	3.20E-05	7.88E-05	1.24E-05		3.46E-05	1.12E-04	3.00E-04	ND		
	Rabbitbrush	CD	3.25E+00	6.79E-01	2.42E-01	4.49E-01	4.49E-01	1.36E-01	2.13E-02		5.96E-02	1.92E-01	1.01E-01	1.52E-02		

Final Hazard Quotients for Metals in Biota (continued)

SWMU Number	Matrix	Analyte	American			Golden		Bald		Deer		Mule		Kit		Soil	
			Passerines	Kestrel	Horned Owl	Eagle	Eagle	Eagle	Eagle	Mouse	Deer	Deer	Deer	Jackrabbit	Fox	Plants	Fauna
RSA (cont.)	Rabbitbrush	CO	3.97E-04	8.29E-05	2.95E-05	5.91E-05	5.91E-05	5.91E-05	5.91E-05	2.23E-01	3.36E-02	3.36E-02	3.36E-02	9.41E-02	3.79E-01	2.40E-03	ND
	Rabbitbrush	CR	1.48E+00	3.09E-01	1.10E-01	2.21E-01	2.21E-01	2.21E-01	2.21E-01	2.58E-02	2.43E-03	2.43E-03	2.43E-03	6.80E-03	1.75E-02	3.70E-03	6.94E-01
	Rabbitbrush	CU	6.04E-01	1.26E-01	4.50E-02	9.00E-02	9.00E-02	9.00E-02	9.00E-02	1.14E+00	1.07E-01	1.07E-01	1.07E-01	3.01E-01	7.76E-01	4.82E-02	5.75E-02
	Rabbitbrush	FE	1.84E+00	3.85E-01	1.37E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	5.90E+00	9.26E-01	9.26E-01	9.26E-01	2.59E+00	8.34E+00	ND	1.03E-01
	Rabbitbrush	HG	3.74E-02	7.81E-03	2.78E-03	5.56E-03	5.56E-03	5.56E-03	5.56E-03	1.52E-02	1.81E-03	1.81E-03	1.81E-03	5.07E-03	1.64E-02	4.49E-02	1.35E-02
	Rabbitbrush	MN	5.70E-01	1.19E-01	4.25E-02	8.49E-02	8.49E-02	8.49E-02	8.49E-02	5.64E-01	8.84E-02	8.84E-02	8.84E-02	2.48E-01	7.98E-01	6.74E-02	ND
	Rabbitbrush	NI	1.61E-01	3.37E-02	1.20E-02	2.40E-02	2.40E-02	2.40E-02	2.40E-02	2.39E-02	3.75E-03	3.75E-03	3.75E-03	1.05E-02	3.38E-02	2.71E-03	3.38E-03
	Rabbitbrush	PB	7.81E-01	3.26E-02	5.81E-02	9.32E-02	9.32E-02	9.32E-02	9.32E-02	4.56E-01	7.14E-02	7.14E-02	7.14E-02	2.00E-01	6.44E-01	3.30E-03	2.69E-03
	Rabbitbrush	SB	ND	ND	ND	ND	ND	ND	ND	4.93E-01	7.73E-02	7.73E-02	7.73E-02	2.16E-01	6.98E-01	5.30E-02	ND
	Rabbitbrush	SE	2.38E+00	4.97E-01	1.77E-01	3.29E-01	3.29E-01	3.29E-01	3.29E-01	1.66E+00	1.95E-01	1.95E-01	1.95E-01	5.46E-01	1.76E+00	2.23E-01	3.18E-03
	Rabbitbrush	V	ND	ND	ND	ND	ND	ND	ND	8.84E-02	6.58E-03	6.58E-03	6.58E-03	2.33E-02	7.37E-02	6.30E-02	ND
	Rabbitbrush	ZN	3.13E+00	6.55E-01	2.33E-01	4.67E-01	4.67E-01	4.67E-01	4.67E-01	6.67E-01	5.02E-02	5.02E-02	5.02E-02	1.76E-01	5.66E-01	2.44E-01	6.09E-02
	Sweetclover	AG	2.00E-02	4.19E-03	1.49E-03	2.97E-03	2.97E-03	2.97E-03	2.97E-03	9.83E-04	7.40E-05	7.40E-05	7.40E-05	2.59E-04	8.35E-04	1.80E-02	ND
	Sweetclover	AL	ND	ND	ND	ND	ND	ND	ND	9.14E-01	1.08E-01	1.08E-01	1.08E-01	2.41E-01	9.70E-01	5.61E-02	1.46E-02
	Sweetclover	AS	1.39E-01	2.90E-02	1.04E-02	2.07E-02	2.07E-02	2.07E-02	2.07E-02	8.21E-02	1.29E-02	1.29E-02	1.29E-02	3.62E-02	1.17E-01	2.80E-02	4.67E-03
	Sweetclover	BA	1.10E+00	2.31E-01	8.22E-02	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.45E+00	2.28E-01	2.28E-01	2.28E-01	6.38E-01	2.05E+00	3.09E-02	ND
	Sweetclover	BE	1.43E-04	2.99E-05	1.07E-05	2.13E-05	2.13E-05	2.13E-05	2.13E-05	5.25E-05	8.24E-06	8.24E-06	8.24E-06	2.31E-05	7.44E-05	2.00E-04	ND
	Sweetclover	CD	8.76E-01	1.83E-01	6.52E-02	1.21E-01	1.21E-01	1.21E-01	1.21E-01	3.68E-02	5.74E-03	5.74E-03	5.74E-03	1.61E-02	5.18E-02	2.73E-02	4.10E-03
	Sweetclover	CO	7.92E-04	1.65E-04	5.90E-05	1.18E-04	1.18E-04	1.18E-04	1.18E-04	4.46E-01	6.71E-02	6.71E-02	6.71E-02	1.88E-01	7.57E-01	4.79E-03	ND
	Sweetclover	CR	1.35E+00	2.81E-01	1.00E-01	2.01E-01	2.01E-01	2.01E-01	2.01E-01	1.40E+00	1.32E-01	1.32E-01	1.32E-01	3.68E-01	1.59E-02	3.36E-03	6.30E-01
	Sweetclover	CU	7.40E-01	1.55E-01	5.51E-02	1.10E-01	1.10E-01	1.10E-01	1.10E-01	2.35E-02	2.21E-03	2.21E-03	2.21E-03	6.18E-03	9.51E-01	5.90E-02	7.04E-02
	Sweetclover	FE	8.42E-01	1.76E-01	6.27E-02	1.25E-01	1.25E-01	1.25E-01	1.25E-01	2.70E+00	4.24E-01	4.24E-01	4.24E-01	1.19E+00	3.82E+00	ND	4.73E-02
	Sweetclover	HG	3.36E-02	7.02E-03	2.50E-03	5.00E-03	5.00E-03	5.00E-03	5.00E-03	1.36E-02	1.63E-03	1.63E-03	1.63E-03	4.56E-03	1.47E-02	4.03E-02	1.21E-02
	Sweetclover	MN	1.90E-01	3.96E-02	1.41E-02	2.82E-02	2.82E-02	2.82E-02	2.82E-02	1.88E-01	2.94E-02	2.94E-02	2.94E-02	8.24E-02	2.65E-01	2.24E-02	ND
	Sweetclover	NI	1.51E-01	3.16E-02	1.13E-02	2.25E-02	2.25E-02	2.25E-02	2.25E-02	2.24E-02	3.51E-03	3.51E-03	3.51E-03	9.83E-03	3.17E-02	2.54E-03	3.17E-03
	Sweetclover	PB	2.40E-01	1.00E-02	1.79E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	1.40E-01	2.20E-02	2.20E-02	2.20E-02	6.15E-02	1.98E-01	1.02E-03	8.28E-04
	Sweetclover	SB	ND	ND	ND	ND	ND	ND	ND	9.30E-01	1.46E-01	1.46E-01	1.46E-01	4.08E-01	1.32E+00	1.00E-01	ND
	Sweetclover	SE	3.26E+00	6.80E-01	2.43E-01	4.50E-01	4.50E-01	4.50E-01	4.50E-01	2.27E+00	2.67E-01	2.67E-01	2.67E-01	7.47E-01	2.41E+00	3.05E-01	4.36E-03
	Sweetclover	V	ND	ND	ND	ND	ND	ND	ND	4.34E-02	3.23E-03	3.23E-03	3.23E-03	1.14E-02	3.62E-02	3.10E-02	ND
	Sweetclover	ZN	1.65E+00	3.45E-01	1.23E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-01	3.51E-01	2.64E-02	2.64E-02	2.64E-02	9.26E-02	2.98E-01	1.28E-01	3.21E-02
10 ⁶	Jackrabbit	AL	ND	ND	ND	ND	ND	ND	ND	9.66E-02	1.14E-04	1.14E-04	1.14E-04	9.89E-04	8.40E-05	5.93E-03	1.53E-03
	Jackrabbit	AG	1.03E-01	1.82E-04	4.81E-06	9.59E-06	9.59E-06	9.59E-06	9.59E-06	5.07E-03	3.82E-06	3.82E-06	3.82E-06	5.19E-05	3.53E-06	9.28E-02	ND
	Jackrabbit	AS	6.64E-02	1.17E-04	3.09E-06	6.18E-06	6.18E-06	6.18E-06	6.18E-06	3.93E-02	6.17E-05	6.17E-05	6.17E-05	6.71E-04	4.56E-05	1.34E-02	2.23E-03
	Jackrabbit	CD	1.05E+00	1.85E-03	4.89E-05	9.08E-05	9.08E-05	9.08E-05	9.08E-05	4.41E-02	6.89E-05	6.89E-05	6.89E-05	7.49E-04	5.09E-05	3.28E-02	4.92E-03
	Jackrabbit	CU	1.10E-01	1.93E-04	5.11E-06	1.02E-05	1.02E-05	1.02E-05	1.02E-05	2.07E-01	1.95E-04	1.95E-04	1.95E-04	2.12E-03	1.15E-04	8.74E-03	1.04E-02
	Jackrabbit	HG	2.06E-02	3.62E-05	9.57E-07	1.91E-06	1.91E-06	1.91E-06	1.91E-06	8.35E-03	9.98E-06	9.98E-06	9.98E-06	1.08E-04	7.38E-06	2.47E-02	7.41E-03
	Jackrabbit	ZN	3.75E+00	6.60E-03	1.75E-04	3.49E-04	3.49E-04	3.49E-04	3.49E-04	7.99E-01	6.01E-04	6.01E-04	6.01E-04	8.17E-03	5.56E-04	2.92E-01	7.30E-02
	Jackrabbit	PB	8.81E-01	3.10E-04	4.10E-05	6.57E-05	6.57E-05	6.57E-05	6.57E-05	5.15E-01	8.03E-04	8.03E-04	8.03E-04	8.75E-03	5.95E-04	3.72E-03	3.04E-03
	Jackrabbit	BE	9.30E-05	1.64E-07	4.33E-09	8.66E-09	8.66E-09	8.66E-09	8.66E-09	3.41E-02	5.35E-08	5.35E-08	5.35E-08	5.82E-07	3.96E-08	1.30E-04	ND
	Jackrabbit	CO	2.16E-05	3.79E-08	1.00E-09	2.01E-09	2.01E-09	2.01E-09	2.01E-09	1.21E-02	1.83E-05	1.83E-05	1.83E-05	1.99E-04	1.69E-05	1.31E-04	ND
	Jackrabbit	CR	2.66E-01	4.68E-04	1.24E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	4.63E-03	4.36E-06	4.36E-06	4.36E-06	4.74E-05	2.58E-06	6.64E-04	1.25E-01

Final Hazard Quotients for Metals in Biota (continued)

SWMU		American				Golden		Bald		Deer		Mule		Kit		Soil	
Number	Matrix	Analyte	Passerines	Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer	Jackrabbit	Fox	Plants	Fauna				
10 (cont.)	Jackrabbit	FE	8.48E-01	1.49E-03	3.95E-05	7.89E-05	7.89E-05	2.72E+00	4.27E-03	4.64E-02	3.15E-03	ND	4.77E-02				
	Jackrabbit	MN	4.54E-03	7.98E-06	2.11E-07	4.22E-07	4.49E-03	7.04E-06	7.65E-05	5.20E-06	5.36E-04	ND	ND				
	Jackrabbit	NI	1.18E-02	2.08E-05	5.51E-07	1.10E-06	1.75E-03	2.75E-06	2.99E-05	2.03E-06	1.98E-04	2.48E-04	ND				
	Jackrabbit	V	ND	ND	ND	ND	1.94E-02	1.45E-05	1.99E-04	1.33E-05	1.39E-02	ND	ND				
	Jackrabbit	BA	4.69E-01	8.23E-04	2.18E-05	4.36E-05	6.15E-01	9.67E-04	1.05E-02	7.12E-04	1.31E-02	ND	ND				
	Jackrabbit	SE	4.10E+00	7.21E-03	1.91E-04	3.54E-04	2.86E+00	3.36E-03	3.65E-02	2.49E-03	3.84E-01	5.49E-03	ND				
	Jackrabbit	SB	ND	ND	ND	ND	6.94E-01	1.09E-03	1.18E-02	8.05E-04	7.46E-02	ND	ND				
	Jackrabbit	AL	ND	ND	ND	ND	9.66E-02	1.71E-04	1.48E-03	1.26E-04	5.93E-03	1.55E-03	ND				
	Jackrabbit	AG	1.03E-01	2.73E-04	7.22E-06	1.44E-05	5.07E-03	5.73E-06	7.79E-05	5.30E-06	9.28E-02	ND	ND				
	Jackrabbit	AS	6.64E-02	1.75E-04	4.64E-06	9.28E-06	3.93E-02	9.26E-05	1.01E-03	6.85E-05	1.34E-02	2.23E-03	ND				
11	Jackrabbit	CD	3.75E+00	9.89E-03	2.62E-04	4.86E-04	1.57E-01	3.69E-04	4.01E-03	2.73E-04	1.17E-01	1.76E-02	ND				
	Jackrabbit	CU	3.58E+00	9.44E-03	2.50E-04	4.99E-04	6.75E+00	9.53E-03	1.04E-01	5.65E-03	2.85E-01	3.40E-01	ND				
	Jackrabbit	HG	4.16E-02	1.10E-04	2.91E-06	5.81E-06	1.69E-02	3.03E-05	3.29E-04	2.24E-05	5.00E-02	1.50E-02	ND				
	Jackrabbit	ZN	1.44E+02	3.80E-01	1.00E-02	2.01E-02	3.06E+01	3.46E-02	4.70E-01	3.20E-02	1.12E+01	2.80E+00	ND				
	Jackrabbit	PB	3.54E+02	1.87E-01	2.47E-02	3.96E-02	2.07E+02	4.86E-01	5.28E+00	3.59E-01	1.50E+00	1.22E+00	ND				
	Jackrabbit	BE	9.30E-05	2.45E-07	6.49E-09	1.30E-08	3.41E-05	8.03E-08	8.73E-07	5.94E-08	1.30E-04	ND	ND				
	Jackrabbit	CO	2.16E-05	5.69E-08	1.51E-09	3.01E-09	1.21E-02	2.74E-05	2.98E-04	2.53E-05	1.31E-04	ND	ND				
	Jackrabbit	CR	2.66E-01	7.02E-04	1.86E-05	3.71E-05	4.63E-03	6.54E-06	7.11E-05	3.87E-06	6.64E-04	1.25E-01	ND				
	Jackrabbit	FE	8.48E-01	2.24E-03	5.92E-05	1.18E-04	2.72E+00	6.40E-03	6.96E-02	4.72E-03	ND	4.77E-02	ND				
	Jackrabbit	MN	4.54E-03	1.20E-05	3.17E-07	6.33E-07	4.49E-03	1.06E-05	1.15E-04	7.80E-06	5.36E-04	ND	ND				
12	Jackrabbit	NI	1.18E-02	3.12E-05	8.26E-07	1.65E-06	1.75E-03	4.12E-06	4.48E-05	3.05E-06	1.98E-04	2.48E-04	ND				
	Jackrabbit	V	ND	ND	ND	ND	1.94E-02	2.17E-05	2.98E-04	1.99E-05	1.39E-02	ND	ND				
	Jackrabbit	BA	1.37E+00	3.63E-03	9.59E-05	1.92E-04	1.80E+00	4.25E-03	4.62E-02	3.13E-03	3.84E-02	ND	ND				
	Jackrabbit	SE	4.10E+00	1.08E-02	2.86E-04	5.32E-04	2.86E+00	5.04E-03	5.48E-02	3.73E-03	3.84E-01	5.49E-03	ND				
	Jackrabbit	SB	ND	ND	ND	ND	2.16E+01	5.08E-02	5.52E-01	3.75E-02	2.32E+00	ND	ND				
	Jackrabbit	AL	ND	ND	ND	ND	9.66E-02	8.53E-04	7.41E-03	6.30E-04	5.93E-03	1.55E-03	ND				
	Jackrabbit	AG	1.03E-01	1.36E-03	3.61E-05	7.19E-05	5.07E-03	2.86E-05	3.89E-04	2.65E-05	9.28E-02	ND	ND				
	Jackrabbit	AS	6.64E-02	8.77E-04	2.32E-05	4.64E-05	3.93E-02	4.63E-04	5.03E-03	3.42E-04	1.34E-02	2.23E-03	ND				
	Jackrabbit	CD	1.05E+00	1.39E-02	3.67E-04	6.81E-04	4.41E-02	5.17E-04	5.62E-03	3.82E-04	3.28E-02	4.92E-03	ND				
	Jackrabbit	CU	2.85E-01	3.76E-03	9.94E-05	1.99E-04	5.38E-01	3.80E-03	4.13E-02	2.25E-03	2.27E-02	2.71E-02	ND				

Final Hazard Quotients for Metals in Biota (continued)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
12 (cont.)	Jackrabbit	SE	4.10E+00	5.41E-02	1.43E-03	2.66E-03	2.66E-03	2.86E+00	2.52E-02	2.74E-01	1.86E-02	3.84E-01	5.49E-03
	Jackrabbit	SB	ND	ND	ND	ND	ND	1.93E+00	2.28E-02	2.47E-01	1.68E-02	2.08E-01	ND
15	Jackrabbit	AL	ND	ND	ND	ND	ND	9.66E-02	2.84E-03	2.47E-02	2.10E-03	5.93E-03	1.55E-03
	Jackrabbit	AG	1.03E-01	4.55E-03	1.20E-04	2.40E-04	2.40E-04	9.66E-02	2.84E-03	2.47E-02	2.10E-03	5.93E-03	1.55E-03
	Jackrabbit	AS	6.64E-02	2.92E-03	7.73E-05	1.55E-04	1.55E-04	3.93E-02	9.55E-05	1.30E-03	8.83E-05	9.28E-02	ND
	Jackrabbit	CD	5.38E+00	2.37E-01	6.26E-03	1.16E-02	1.16E-02	2.26E-01	8.82E-03	1.68E-02	1.14E-03	1.34E-02	2.23E-03
	Jackrabbit	CU	3.00E+01	1.32E+00	3.49E-02	6.98E-02	6.98E-02	5.66E+01	1.33E+00	9.59E-02	6.52E-03	1.68E-01	2.52E-02
	Jackrabbit	HG	1.60E-01	7.05E-03	1.86E-04	3.73E-04	3.73E-04	6.50E-02	1.94E-03	1.45E+01	7.89E-01	2.39E+00	2.85E+00
	Jackrabbit	ZN	4.76E+01	2.09E+00	5.53E-02	1.11E-01	1.11E-01	1.01E+01	1.90E-01	2.11E-02	1.44E-03	1.92E-01	5.77E-02
	Jackrabbit	PB	3.08E+01	2.71E-01	3.59E-02	5.75E-02	5.75E-02	1.80E+01	7.04E-01	2.59E+00	1.76E-01	3.70E+00	9.25E-01
	Jackrabbit	BE	9.30E-05	4.09E-06	1.08E-07	2.16E-07	2.16E-07	3.41E-05	1.34E-06	7.66E+00	5.21E-01	1.30E-01	1.06E-01
	Jackrabbit	CO	2.16E-05	9.48E-07	2.51E-08	5.02E-08	5.02E-08	1.21E-02	4.57E-04	1.46E-05	9.90E-07	1.30E-04	ND
	Jackrabbit	CR	2.66E-01	1.17E-02	3.09E-04	6.19E-04	6.19E-04	4.63E-03	1.09E-04	4.97E-03	4.22E-04	1.31E-04	ND
	Jackrabbit	FE	8.48E-01	3.73E-02	9.87E-04	1.97E-03	1.97E-03	2.72E+00	1.07E-01	1.18E-03	6.45E-05	6.64E-04	1.25E-01
	Jackrabbit	MN	4.54E-03	2.00E-04	5.28E-06	1.06E-05	1.06E-05	4.49E-03	1.76E-04	1.16E+00	7.87E-02	ND	4.77E-02
	Jackrabbit	NI	1.18E-02	5.20E-04	1.38E-05	2.75E-05	2.75E-05	1.75E-03	6.87E-05	1.91E-03	1.30E-04	5.36E-04	ND
	Jackrabbit	V	ND	ND	ND	ND	ND	1.94E-02	3.62E-04	7.47E-04	5.08E-05	1.98E-04	2.48E-04
	Jackrabbit	BA	1.39E+00	6.11E-02	1.62E-03	3.23E-03	3.23E-03	1.82E+00	7.16E-02	7.79E-01	5.28E-02	3.88E-02	ND
	Jackrabbit	SE	7.17E+00	3.16E-01	8.35E-03	1.55E-02	1.55E-02	5.00E+00	1.47E-01	1.60E+00	1.09E-01	6.72E-01	9.60E-03
18	Jackrabbit	SB	ND	ND	ND	ND	ND	7.38E+00	2.89E-01	3.15E+00	2.14E-01	7.94E-01	ND
	Jackrabbit	AL	ND	ND	ND	ND	ND	9.20E-02	2.84E-05	2.47E-04	2.10E-05	5.93E-03	1.55E-03
	Jackrabbit	AG	1.03E-01	4.55E-05	1.20E-06	2.40E-06	2.40E-06	4.83E-03	9.55E-07	1.30E-05	8.83E-07	9.28E-02	ND
	Jackrabbit	AS	6.64E-02	2.92E-05	7.73E-07	1.55E-06	1.55E-06	3.74E-02	1.54E-05	1.68E-04	1.14E-05	1.34E-02	2.23E-03
	Jackrabbit	CD	6.12E+00	2.69E-03	7.12E-05	1.32E-04	1.32E-04	2.45E-01	1.00E-04	1.09E-03	7.42E-05	1.91E-01	2.87E-02
	Jackrabbit	CU	3.75E-01	1.65E-04	4.37E-06	8.73E-06	8.73E-06	6.75E-01	1.67E-04	1.81E-03	9.87E-05	2.99E-02	3.57E-02
	Jackrabbit	HG	1.28E-02	5.64E-06	1.49E-07	2.98E-07	2.98E-07	4.96E-03	1.53E-06	1.69E-05	1.15E-06	1.54E-02	4.62E-03
	Jackrabbit	ZN	1.43E+00	6.31E-04	1.67E-05	3.34E-05	3.34E-05	2.91E-01	5.74E-05	7.81E-04	5.31E-05	1.12E-01	2.79E-02
	Jackrabbit	PB	5.84E+00	5.14E-04	6.79E-05	1.09E-04	1.09E-04	3.25E+00	1.33E-03	1.45E-02	9.87E-04	2.47E-02	2.01E-02
	Jackrabbit	BE	9.30E-05	4.09E-08	1.08E-09	2.16E-09	2.16E-09	3.25E-05	1.34E-08	1.46E-07	9.90E-09	1.30E-04	ND
	Jackrabbit	CO	2.16E-05	9.48E-09	2.51E-10	5.02E-10	5.02E-10	1.16E-02	4.57E-06	4.97E-05	4.22E-06	1.31E-04	ND
	Jackrabbit	CR	2.66E-01	1.17E-04	3.09E-06	6.19E-06	6.19E-06	4.41E-03	1.09E-06	1.18E-05	6.45E-07	6.64E-04	1.25E-01
	Jackrabbit	FE	8.48E-01	3.73E-04	9.87E-06	1.97E-05	1.97E-05	2.59E+00	1.07E-03	1.16E-02	7.87E-04	ND	4.77E-02
	Jackrabbit	MN	4.54E-03	2.00E-06	5.28E-08	1.06E-07	1.06E-07	4.27E-03	1.76E-06	1.91E-05	1.30E-06	5.36E-04	ND
	Jackrabbit	NI	1.18E-02	5.20E-06	1.38E-07	2.75E-07	2.75E-07	1.67E-03	6.87E-07	1.47E-06	5.08E-07	1.98E-04	2.48E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	1.85E-02	3.62E-06	4.97E-05	3.32E-06	1.39E-02	ND
	Jackrabbit	BA	1.14E+00	5.00E-04	1.32E-05	2.65E-05	2.65E-05	1.42E+00	5.87E-04	4.97E-05	3.32E-06	1.98E-04	2.48E-04
	Jackrabbit	SE	4.10E+00	1.80E-03	4.77E-05	8.86E-05	8.86E-05	2.72E+00	8.40E-04	6.38E-03	4.32E-04	3.18E-02	ND
1C	Jackrabbit	SB	ND	ND	ND	ND	ND	6.61E-01	2.72E-04	2.96E-03	2.01E-04	3.84E-01	5.49E-03
	Jackrabbit	AL	ND	ND	ND	ND	ND	9.66E-02	1.14E-03	9.89E-03	8.40E-04	7.46E-02	ND
	Jackrabbit	AG	1.03E-01	1.82E-03	4.81E-05	9.59E-05	9.59E-05	5.07E-03	3.82E-05	5.19E-04	3.53E-05	5.93E-03	1.55E-03
	Jackrabbit	AS	6.64E-02	1.17E-03	3.09E-05	6.18E-05	6.18E-05	3.93E-02	6.17E-04	6.71E-03	4.56E-04	1.34E-02	2.23E-03

Final Hazard Quotients for Metals in Biota (continued)

SWMU	Matrix	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Kit	Plants	Soil
Number	Matrix	Analyte	Passerines	Keastrel	Horned Owl	Eagle	Eagle	Mouse	Deer	Jackrabbit	Fox	Fauna
IC (cont.)	Jackrabbit	CD	1.05E+00	1.85E-02	4.89E-04	9.08E-04	9.08E-04	4.41E-02	6.89E-04	7.49E-03	5.09E-04	3.28E-02
	Jackrabbit	CU	2.80E-01	4.92E-03	1.30E-04	2.61E-04	2.61E-04	5.28E-01	4.97E-03	5.41E-02	2.95E-03	2.23E-02
	Jackrabbit	HG	1.28E-02	2.26E-04	5.97E-06	1.19E-05	1.19E-05	5.21E-03	6.22E-03	6.76E-04	4.60E-03	1.54E-02
	Jackrabbit	ZN	7.87E-01	1.38E-02	3.66E-04	7.32E-04	7.32E-04	1.67E-01	1.26E-03	1.71E-02	1.16E-03	6.12E-02
	Jackrabbit	PB	3.34E+00	1.18E-02	1.55E-03	2.49E-03	2.49E-03	1.93E+00	3.05E-02	3.32E-01	2.26E-02	1.41E-02
	Jackrabbit	BE	9.30E-05	1.64E-06	4.33E-08	8.66E-08	8.66E-08	3.41E-05	5.35E-07	5.82E-06	3.96E-07	1.30E-04
	Jackrabbit	CO	2.16E-05	3.79E-07	1.00E-08	2.01E-08	2.01E-08	1.21E-02	1.83E-04	1.99E-03	1.69E-04	1.31E-04
	Jackrabbit	CR	4.68E-03	1.24E-04	2.47E-04	2.47E-04	2.47E-04	4.63E-03	4.36E-05	4.74E-04	2.58E-05	6.64E-04
	Jackrabbit	FE	8.48E-01	1.49E-02	3.95E-04	7.89E-04	7.89E-04	2.72E+00	4.27E-02	4.64E-01	3.15E-02	ND
	Jackrabbit	MN	4.54E-03	7.98E-05	2.11E-06	4.22E-06	4.22E-06	4.49E-03	7.04E-05	7.65E-04	5.20E-05	5.36E-04
	Jackrabbit	NI	1.18E-02	2.08E-04	5.51E-06	1.10E-05	1.10E-05	1.73E-03	2.75E-05	2.99E-04	2.03E-05	1.98E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	1.94E-02	1.45E-04	1.99E-03	1.33E-04	1.39E-02
	Jackrabbit	BA	1.24E+00	2.19E-02	5.79E-04	1.16E-03	1.16E-03	1.63E+00	2.57E-02	2.79E-01	1.89E-02	ND
	Jackrabbit	SE	4.10E+00	7.21E-02	1.91E-03	3.54E-03	3.54E-03	2.86E+00	3.36E-02	3.65E-01	8.05E-03	7.46E-02
	Jackrabbit	SB	ND	ND	ND	ND	ND	6.94E-01	1.09E-02	1.18E-01	2.49E-02	3.84E-01
	Jackrabbit	AL	ND	ND	ND	ND	ND	2.30E-02	7.11E-06	6.18E-05	5.25E-06	5.93E-03
21	Jackrabbit	AG	4.31E-02	1.14E-05	3.01E-07	5.99E-07	5.99E-07	1.21E-03	2.39E-07	3.24E-06	2.21E-07	9.28E-02
	Jackrabbit	AS	2.77E-02	7.30E-06	1.93E-07	3.86E-07	3.86E-07	9.33E-03	3.86E-06	4.19E-05	2.85E-06	1.34E-02
	Jackrabbit	CD	7.83E+00	2.07E-03	5.47E-05	1.02E-04	1.02E-04	1.88E-01	7.70E-05	8.37E-04	5.69E-05	5.87E-01
	Jackrabbit	CU	2.22E+00	5.87E-04	1.55E-05	3.10E-05	3.10E-05	2.40E+00	5.92E-04	6.44E-03	3.51E-04	4.25E-01
	Jackrabbit	HG	8.85E-03	2.34E-06	6.18E-08	1.24E-07	1.24E-07	2.05E-03	6.44E-07	7.00E-06	4.76E-07	2.55E-02
	Jackrabbit	ZN	2.15E+00	5.68E-04	1.50E-05	3.01E-05	3.01E-05	2.62E-01	5.17E-05	7.03E-04	4.78E-05	4.02E-01
	Jackrabbit	PB	4.41E+01	2.33E-03	3.08E-04	4.93E-04	4.93E-04	1.47E+01	6.04E-03	6.57E-02	4.47E-03	4.47E-01
	Jackrabbit	BE	3.88E-05	1.02E-08	2.71E-10	5.41E-10	5.41E-10	8.13E-06	3.35E-09	1.24E-05	1.06E-06	1.31E-04
	Jackrabbit	CO	8.98E-06	2.37E-09	6.27E-11	1.25E-10	1.25E-10	2.89E-03	2.72E-07	2.96E-06	1.61E-07	6.64E-04
	Jackrabbit	CR	1.11E-01	2.92E-05	7.73E-07	1.55E-06	1.55E-06	1.10E-03	2.67E-04	2.90E-03	1.97E-04	ND
	Jackrabbit	FE	3.53E-01	9.32E-05	2.47E-06	4.93E-06	4.93E-06	6.47E-01	2.67E-04	2.90E-03	1.97E-04	4.77E-02
	Jackrabbit	MN	1.89E-03	4.99E-07	1.32E-08	2.64E-08	2.64E-08	1.07E-03	4.40E-07	4.78E-06	3.25E-07	5.36E-04
	Jackrabbit	NI	4.93E-03	1.30E-06	3.44E-08	6.88E-08	6.88E-08	4.17E-04	1.72E-07	1.87E-06	1.27E-07	1.98E-04
	Jackrabbit	V	ND	ND	ND	ND	ND	4.63E-03	9.04E-07	1.24E-05	8.30E-07	1.39E-02
	Jackrabbit	BA	9.57E-01	2.53E-04	6.68E-06	1.34E-05	1.34E-05	7.18E-01	2.96E-04	3.22E-03	2.18E-04	ND
	Jackrabbit	SE	1.71E+00	4.51E-04	1.19E-05	2.21E-05	2.21E-05	6.80E-01	2.10E-04	2.28E-03	1.55E-04	6.42E-02
	Jackrabbit	SB	ND	ND	ND	ND	ND	4.34E+00	1.78E-03	1.94E-02	1.32E-03	3.84E-01
	Jackrabbit	AL	ND	ND	ND	ND	ND	9.66E-02	3.98E-05	3.46E-04	2.94E-05	5.93E-03
37	Jackrabbit	AG	1.03E-01	6.37E-05	1.69E-06	3.36E-06	3.36E-06	5.07E-03	1.34E-06	1.82E-05	1.24E-06	9.28E-02
	Jackrabbit	AS	6.64E-02	4.09E-05	1.09E-06	2.16E-06	2.16E-06	3.93E-02	2.16E-05	2.35E-04	1.60E-05	1.34E-02
	Jackrabbit	CD	1.05E+00	6.47E-04	1.71E-05	3.18E-05	3.18E-05	4.41E-02	2.41E-05	2.62E-04	1.78E-05	3.28E-02
	Jackrabbit	CU	1.83E-01	1.13E-04	2.98E-06	5.97E-06	5.97E-06	3.46E-01	1.14E-04	2.37E-05	6.75E-05	1.46E-02
	Jackrabbit	HG	1.28E-02	7.90E-06	2.09E-07	4.18E-07	4.18E-07	5.21E-03	2.18E-06	2.37E-05	1.61E-06	1.54E-02
	Jackrabbit	ZN	7.38E-01	4.54E-04	1.20E-05	2.40E-05	2.40E-05	1.57E-01	4.14E-05	5.62E-04	3.82E-05	5.74E-02
	Jackrabbit	PB	1.40E+00	1.72E-04	2.28E-05	3.65E-05	3.65E-05	8.17E-01	4.47E-04	4.86E-03	3.31E-04	5.91E-03

Final Hazard Quotients for Metals in Biota (continued)

SWMU																			
Number	Matrix	Analyte	Passerines		American		Great		Golden		Bald		Deer		Mule		Kit		Soil Fauna
					Kestrel	Horned Owl	Eagle	Eagle	Eagle	Mouse	Deer	Jackrabbit	Fox	Plants					
37 (cont.)	Jackrabbit	BE	9.30E-05	5.73E-08	1.52E-09	3.03E-09	3.03E-09	3.03E-09	3.41E-05	1.87E-08	2.04E-07	1.39E-08	1.30E-04	ND					
	Jackrabbit	CO	2.16E-05	1.33E-08	3.51E-10	7.03E-10	7.03E-10	7.03E-10	1.21E-02	6.39E-06	6.95E-05	5.91E-06	1.31E-04	ND					
	Jackrabbit	CR	2.66E-01	1.64E-04	4.33E-06	8.66E-06	8.66E-06	8.66E-06	4.63E-03	1.53E-06	1.66E-05	9.02E-07	6.64E-04	1.25E-01					
	Jackrabbit	FE	8.48E-01	5.22E-04	1.38E-05	2.76E-05	2.76E-05	2.76E-05	2.72E+00	1.49E-03	1.62E-02	1.10E-03	ND	4.77E-02					
	Jackrabbit	MN	4.54E-03	2.79E-06	7.39E-08	1.48E-07	1.48E-07	1.48E-07	4.49E-03	2.46E-06	2.68E-05	1.82E-06	5.36E-04	ND					
	Jackrabbit	NI	1.18E-02	7.28E-06	1.93E-07	3.85E-07	3.85E-07	3.85E-07	1.75E-03	9.61E-07	1.05E-05	7.11E-07	1.98E-04	2.48E-04					
	Jackrabbit	V	ND	ND	ND	ND	ND	ND	1.94E-02	5.06E-06	6.96E-05	4.65E-06	1.39E-02	ND					
	Jackrabbit	BA	5.04E-01	3.10E-04	8.21E-06	1.64E-05	1.64E-05	1.64E-05	6.61E-01	3.64E-04	3.96E-03	2.68E-04	1.41E-02	ND					
	Jackrabbit	SE	4.10E+00	2.52E-03	6.68E-05	1.24E-04	1.24E-04	1.24E-04	2.86E+00	1.18E-03	1.28E-02	8.70E-04	3.84E-01	5.49E-03					
	Jackrabbit	SB	ND	ND	ND	ND	ND	ND	6.94E-01	3.81E-04	4.14E-03	2.82E-04	7.46E-02	ND					
	Jackrabbit	AL	ND	ND	ND	ND	ND	ND	9.66E-02	2.05E-03	1.78E-02	1.51E-03	5.93E-03	1.55E-03					
	Jackrabbit	AG	1.03E-01	3.27E-03	8.66E-05	1.73E-04	1.73E-04	1.73E-04	5.07E-03	6.87E-05	9.34E-04	6.36E-05	9.28E-02	ND					
	Jackrabbit	AS	6.64E-02	2.10E-03	5.57E-05	1.11E-04	1.11E-04	1.11E-04	3.93E-02	1.11E-03	1.21E-02	8.22E-04	1.34E-02	2.23E-03					
	Jackrabbit	CD	7.26E+00	2.30E-01	6.08E-03	1.13E-02	1.13E-02	1.13E-02	3.05E-01	8.57E-03	9.32E-02	6.34E-03	2.27E-01	3.40E-02					
	Jackrabbit	CU	1.79E+00	5.68E-02	1.50E-03	3.01E-03	3.01E-03	3.01E-03	3.39E+00	5.74E-02	6.24E-01	3.40E-02	1.43E-01	1.71E-01					
	Jackrabbit	HG	3.05E-02	9.67E-04	2.56E-05	5.12E-05	5.12E-05	5.12E-05	1.24E-02	2.67E-04	2.90E-03	1.97E-04	3.67E-02	1.10E-02					
	Jackrabbit	ZN	1.15E+00	3.64E-02	9.63E-04	1.93E-03	1.93E-03	1.93E-03	2.45E-01	3.31E-03	4.50E-02	3.06E-03	8.94E-02	2.24E-02					
	Jackrabbit	PB	1.02E+02	6.49E-01	8.58E-02	1.37E-01	1.37E-01	1.37E-01	5.99E+01	1.69E+00	1.83E+01	1.25E+00	4.33E-01	3.53E-01					
	Jackrabbit	BE	9.30E-05	2.95E-06	7.79E-08	1.56E-07	1.56E-07	1.56E-07	3.41E-05	9.64E-07	1.05E-05	7.13E-07	1.30E-04	ND					
Jackrabbit	CO	2.16E-05	6.83E-07	1.81E-08	3.61E-08	3.61E-08	3.61E-08	1.21E-02	3.29E-04	3.58E-03	3.04E-04	1.31E-04	ND						
Jackrabbit	CR	2.66E-01	8.42E-03	2.23E-04	4.45E-04	4.45E-04	4.45E-04	4.63E-03	7.84E-05	8.53E-04	4.64E-05	6.64E-04	1.25E-01						
Jackrabbit	FE	8.48E-01	2.69E-02	7.10E-04	1.42E-03	1.42E-03	1.42E-03	2.72E+00	7.68E-02	8.35E-01	5.66E-02	ND	4.77E-02						
Jackrabbit	MN	4.54E-03	1.44E-04	3.80E-06	7.60E-06	7.60E-06	7.60E-06	4.49E-03	1.27E-04	1.38E-03	9.36E-05	5.36E-04	ND						
Jackrabbit	NI	1.18E-02	3.75E-04	9.91E-06	1.98E-05	1.98E-05	1.98E-05	1.75E-03	4.94E-05	5.38E-04	3.66E-05	1.98E-04	2.48E-04						
Jackrabbit	V	ND	ND	ND	ND	ND	ND	ND	1.94E-02	2.60E-04	3.58E-03	2.39E-04	1.39E-02						
Jackrabbit	BA	2.78E+00	8.81E-02	2.33E-03	4.66E-03	4.66E-03	4.66E-03	3.65E+00	1.03E-01	1.12E+00	7.62E-02	7.78E-02	ND						
Jackrabbit	SE	5.73E+00	1.82E-01	4.80E-03	8.92E-03	8.92E-03	8.92E-03	4.00E+00	8.46E-02	9.20E-01	6.26E-02	5.37E-01	7.67E-03						
Jackrabbit	SB	ND	ND	ND	ND	ND	ND	ND	1.74E+02	4.92E+00	5.35E+01	3.64E+00	1.88E+01						

*No toxicity data.

^bItalics indicate that hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients for Metals in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10/11	Beetle	AG	0.0233	0.0001	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0209	ND ⁶⁾
	Beetle	AL	ND	ND	ND	ND	ND	1.6647	0.0049	0.0049	0.0426	0.0036	0.1022	0.0266
	Beetle	AS	1.1401	0.0050	0.0001	0.0003	0.0003	0.6737	0.0026	0.0026	0.0288	0.0020	0.2300	0.0383
	Beetle	BA	0.2289	0.0010	0.0000	0.0001	0.0001	0.3006	0.0012	0.0012	0.0018	0.0009	0.0064	ND
	Beetle	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002	ND
	Beetle	CD	2.3489	0.0103	0.0003	0.0005	0.0005	0.0986	0.0004	0.0004	0.0042	0.0003	0.0733	0.0110
	Beetle	CO	0.0009	0.0000	0.0000	0.0000	0.0000	0.5115	0.0019	0.0019	0.0209	0.0018	0.0055	ND
	Beetle	CR	2.4557	0.0108	0.0003	0.0006	0.0006	0.0428	0.0001	0.0001	0.0011	0.0001	0.0061	1.1500
	Beetle	CU	0.9036	0.0040	0.0001	0.0002	0.0002	1.7060	0.0040	0.0040	0.0436	0.0024	0.0720	0.0859
	Beetle	FE	1.7653	0.0078	0.0002	0.0004	0.0004	5.6599	0.0222	0.0222	0.2414	0.0164	ND	0.0992
	Beetle	HG	0.0555	0.0002	0.0000	0.0000	0.0000	0.0225	0.0001	0.0001	0.0007	0.0000	0.0667	0.0200
	Beetle	MN	0.1219	0.0005	0.0000	0.0000	0.0000	0.1205	0.0005	0.0005	0.0051	0.0003	0.0144	ND
	Beetle	NI	0.0467	0.0002	0.0000	0.0000	0.0000	0.0069	0.0000	0.0000	0.0003	0.0000	0.0008	0.0010
	Beetle	PB	0.3685	0.0003	0.0000	0.0001	0.0001	0.2154	0.0008	0.0008	0.0092	0.0006	0.0016	0.0013
	Beetle	SB	ND	ND	ND	ND	ND	0.5208	0.0020	0.0020	0.0222	0.0015	0.0560	ND
	Beetle	SE	1.8151	0.0080	0.0002	0.0004	0.0004	1.2648	0.0037	0.0037	0.0404	0.0028	0.1700	0.0024
	Beetle	V	ND	ND	ND	ND	ND	0.0983	0.0002	0.0002	0.0025	0.0002	0.0700	ND
	Beetle	ZN	11.7466	0.0517	0.0014	0.0027	0.0027	2.5001	0.0047	0.0047	0.0639	0.0043	0.9140	0.2285
	Grasshopper	AG	0.0233	0.0001	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0209	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	0.9306	0.0027	0.0027	0.0238	0.0020	0.0571	0.0149
	Grasshopper	AS	0.1388	0.0006	0.0000	0.0000	0.0000	0.0820	0.0003	0.0003	0.0035	0.0002	0.0280	0.0047
	Grasshopper	BA	0.2361	0.0010	0.0000	0.0001	0.0001	0.3100	0.0012	0.0012	0.0132	0.0009	0.0066	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002	ND
	Grasshopper	CD	2.7760	0.0122	0.0003	0.0006	0.0006	0.1165	0.0005	0.0005	0.0049	0.0003	0.0867	0.0130
	Grasshopper	CO	0.0006	0.0000	0.0000	0.0000	0.0000	0.3255	0.0012	0.0012	0.0133	0.0011	0.0035	ND
	Grasshopper	CR	1.6015	0.0070	0.0002	0.0004	0.0004	0.0279	0.0001	0.0001	0.0007	0.0000	0.0040	0.7500
	Grasshopper	CU	4.8567	0.0214	0.0006	0.0011	0.0011	9.1697	0.0216	0.0216	0.2345	0.0128	0.3870	0.4618
	Grasshopper	FE	1.1851	0.0052	0.0001	0.0003	0.0003	3.7999	0.0149	0.0149	0.1621	0.0110	ND	0.0666
	Grasshopper	HG	0.0278	0.0001	0.0000	0.0000	0.0000	0.0113	0.0000	0.0000	0.0004	0.0000	0.0333	0.0100
	Grasshopper	MN	0.0762	0.0003	0.0000	0.0000	0.0000	0.0753	0.0003	0.0003	0.0032	0.0002	0.0090	ND
	Grasshopper	NI	0.0468	0.0002	0.0000	0.0000	0.0000	0.0069	0.0000	0.0000	0.0003	0.0000	0.0008	0.0010
	Grasshopper	PB	0.4164	0.0004	0.0000	0.0001	0.0001	0.2433	0.0010	0.0010	0.0103	0.0007	0.0018	0.0014
	Grasshopper	SB	ND	ND	ND	ND	ND	0.5394	0.0021	0.0021	0.0230	0.0016	0.0580	ND
	Grasshopper	SE	1.7083	0.0075	0.0002	0.0004	0.0004	1.1904	0.0035	0.0035	0.0381	0.0026	0.1600	0.0023
	Grasshopper	V	ND	ND	ND	ND	ND	0.0632	0.0001	0.0001	0.0016	0.0001	0.0450	ND
	Grasshopper	ZN	14.9853	0.0659	0.0017	0.0035	0.0035	3.1894	0.0060	0.0060	0.0816	0.0055	1.1660	0.2915
12/15	Beetle	AG	0.0234	0.0013	0.0000	0.0001	0.0001	0.0011	0.0000	0.0000	0.0011	0.0000	0.0210	ND
	Beetle	AL	ND	ND	ND	ND	ND	0.8391	0.0321	0.0321	0.2210	0.0237	0.0515	0.0134
	Beetle	AS	1.4376	0.0822	0.0022	0.0043	0.0043	0.8494	0.0434	0.0434	0.3739	0.0321	0.2900	0.0483
	Beetle	BA	0.1359	0.0078	0.0002	0.0004	0.0004	0.1785	0.0091	0.0091	0.0786	0.0067	0.0038	ND
	Beetle	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002	ND

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Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	American		Great Horned Owl	Golden		Bald Eagle	Deer		Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
			Passerines	Kestrel		Eagle	Eagle		Mouse	Deer					
12/15 (cont.)	Beetle	CD	2.3489	0.1343	0.0036	0.0066	0.0066	0.0066	0.0986	0.0050	0.0050	0.0431	0.0037	0.0733	0.0110
	Beetle	CO	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.3255	0.0159	0.0159	0.1372	0.0147	0.0035	ND
	Beetle	CR	1.4948	0.0855	0.0023	0.0045	0.0045	0.0045	0.0260	0.0008	0.0008	0.0069	0.0005	0.0037	0.7000
	Beetle	CU	0.9538	0.0545	0.0014	0.0029	0.0029	0.0029	1.8008	0.0551	0.0551	0.4744	0.0326	0.0760	0.0907
	Beetle	FE	1.2403	0.0709	0.0019	0.0038	0.0038	0.0038	3.9767	0.2028	0.2028	1.7470	0.1496	ND	0.0697
	Beetle	HG	0.0555	0.0032	0.0001	0.0002	0.0002	0.0002	0.0225	0.0009	0.0009	0.0075	0.0006	0.0667	0.0200
	Beetle	MN	0.0965	0.0055	0.0001	0.0003	0.0003	0.0003	0.0954	0.0049	0.0049	0.0419	0.0036	0.0114	ND
	Beetle	NI	0.0954	0.0055	0.0001	0.0003	0.0003	0.0003	0.0141	0.0007	0.0007	0.0062	0.0005	0.0016	0.0020
	Beetle	PB	0.4068	0.0047	0.0006	0.0010	0.0010	0.0010	0.2377	0.0121	0.0121	0.1041	0.0089	0.0017	0.0014
	Beetle	SB	ND	ND	ND	ND	ND	ND	0.1896	0.0097	0.0097	0.0833	0.0071	0.0204	ND
	Beetle	SE	2.0286	0.1160	0.0031	0.0057	0.0057	0.0057	1.4136	0.0340	0.0340	0.4655	0.0400	0.1900	0.0027
	Beetle	V	ND	ND	ND	ND	ND	ND	0.0246	0.0006	0.0006	0.0065	0.0005	0.0175	ND
	Beetle	ZN	13.6230	0.7790	0.0206	0.0412	0.0412	0.0412	2.8994	0.0709	0.0709	0.7638	0.0656	1.0600	0.2650
	Grasshopper	AG	0.0233	0.0013	0.0000	0.0001	0.0001	0.0001	0.0011	0.0000	0.0000	0.0003	0.0000	0.0209	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	ND	0.7999	0.0306	0.0306	0.2107	0.0226	0.0491	0.0128
	Grasshopper	AS	0.0851	0.0049	0.0001	0.0003	0.0003	0.0003	0.0503	0.0026	0.0026	0.0221	0.0019	0.0172	0.0029
	Grasshopper	BA	0.1860	0.0106	0.0003	0.0006	0.0006	0.0006	0.2442	0.0125	0.0125	0.1075	0.0092	0.0052	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002	ND
	Grasshopper	CD	3.2255	0.1844	0.0049	0.0091	0.0091	0.0091	0.1354	0.0069	0.0069	0.0592	0.0051	0.1007	0.0151
	Grasshopper	CO	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.4175	0.0204	0.0204	0.1760	0.0189	0.0045	ND
	Grasshopper	CR	1.3685	0.0783	0.0021	0.0041	0.0041	0.0041	0.0238	0.0007	0.0007	0.0063	0.0004	0.0034	0.6409
	Grasshopper	CU	3.1087	0.1778	0.0047	0.0094	0.0094	0.0094	5.8694	0.1795	0.1795	1.5462	0.1063	0.2477	0.2956
	Grasshopper	FE	0.8895	0.0509	0.0013	0.0027	0.0027	0.0027	2.8519	0.1454	0.1454	1.2528	0.1073	ND	0.0500
	Grasshopper	HG	0.0398	0.0023	0.0001	0.0001	0.0001	0.0001	0.0162	0.0006	0.0006	0.0054	0.0005	0.0478	0.0144
	Grasshopper	MN	0.0882	0.0050	0.0001	0.0003	0.0003	0.0003	0.0872	0.0044	0.0044	0.0383	0.0033	0.0104	ND
	Grasshopper	NI	0.0936	0.0053	0.0001	0.0003	0.0003	0.0003	0.0139	0.0007	0.0007	0.0061	0.0005	0.0016	0.0020
	Grasshopper	PB	0.2362	0.0027	0.0004	0.0006	0.0006	0.0006	0.1380	0.0070	0.0070	0.0605	0.0052	0.0010	0.0008
	Grasshopper	SB	ND	ND	ND	ND	ND	ND	0.5302	0.0270	0.0270	0.2328	0.0200	0.0570	ND
	Grasshopper	SE	1.5693	0.0897	0.0024	0.0044	0.0044	0.0044	1.0935	0.0418	0.0418	0.3601	0.0309	0.1470	0.0021
	Grasshopper	V	ND	ND	ND	ND	ND	ND	0.0443	0.0011	0.0011	0.0117	0.0010	0.0315	ND
	Grasshopper	ZN	15.8219	0.9047	0.0239	0.0479	0.0479	0.0479	3.3674	0.0824	0.0824	0.8871	0.0762	1.2311	0.3078
1b/1c	Beetle	AG	0.0232	0.0004	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0001	0.0000	0.0208	ND
	Beetle	AL	ND	ND	ND	ND	ND	ND	3.0126	0.0363	0.0363	0.3159	0.0269	0.1849	0.0482
	Beetle	AS	0.1983	0.0036	0.0001	0.0002	0.0002	0.0002	0.1172	0.0019	0.0019	0.0205	0.0014	0.0400	0.0067
	Beetle	BA	0.7155	0.0129	0.0003	0.0007	0.0007	0.0007	0.9394	0.0151	0.0151	0.1646	0.0111	0.0200	ND
	Beetle	BE	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0010	ND
	Beetle	CD	4.4843	0.0809	0.0021	0.0040	0.0040	0.0040	0.1882	0.0030	0.0030	0.0328	0.0022	0.1400	0.0210
	Beetle	CO	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.7440	0.0115	0.0115	0.1248	0.0106	0.0080	ND
	Beetle	CR	2.7226	0.0491	0.0013	0.0026	0.0026	0.0026	0.0474	0.0005	0.0005	0.0050	0.0003	0.0068	1.2750
	Beetle	CU	0.8785	0.0158	0.0004	0.0008	0.0008	0.0008	1.6586	0.0160	0.0160	0.1739	0.0095	0.0700	0.0835
	Beetle	FE	2.6692	0.0481	0.0013	0.0025	0.0025	0.0025	8.5583	0.1376	0.1376	1.4965	0.1015	ND	0.1500

Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU		American										Mule		Plants		Soil Fauna	
Number	Matrix	Analyte	Passerines	Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox	Deer	Deer	Plants	Plants	Soil Fauna	Soil Fauna
1b/1c (cont.)	Beetle	HG	0.0555	0.0010	0.0000	0.0001	0.0001	0.0225	0.0003	0.0030	0.0002	0.0003	0.0003	0.0667	0.0667	0.0200	0.0200
	Beetle	MN	0.2437	0.0044	0.0001	0.0002	0.0002	0.2411	0.0039	0.0421	0.0029	0.0039	0.0029	0.0288	0.0288	ND	ND
	Beetle	NI	0.2075	0.0037	0.0001	0.0002	0.0002	0.0307	0.0005	0.0054	0.0004	0.0005	0.0004	0.0035	0.0035	0.0044	0.0044
	Beetle	PB	0.4068	0.0015	0.0002	0.0003	0.0003	0.2377	0.0038	0.0414	0.0028	0.0038	0.0017	0.0017	0.0017	0.0014	0.0014
	Beetle	SB	ND	ND	ND	ND	ND	0.4836	0.0078	0.0845	0.0057	0.0078	0.0057	0.0520	0.0520	ND	ND
	Beetle	SE	0.5338	0.0096	0.0003	0.0005	0.0005	0.3720	0.0045	0.0488	0.0033	0.0045	0.0033	0.0500	0.0500	0.0007	0.0007
	Beetle	V	ND	ND	ND	ND	ND	0.1334	0.0010	0.0140	0.0009	0.0010	0.0009	0.0950	0.0950	ND	ND
	Beetle	ZN	9.2019	0.1660	0.0044	0.0088	0.0088	1.9585	0.0151	0.2054	0.0140	0.0151	0.0140	0.7160	0.7160	0.1790	0.1790
	Grasshopper	AG	0.0557	0.0010	0.0000	0.0001	0.0001	0.0027	0.0000	0.0003	0.0000	0.0000	0.0000	0.0500	0.0500	ND	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	1.8120	0.0219	0.1900	0.0162	0.0219	0.0162	0.1112	0.1112	0.0290	0.0290
	Grasshopper	AS	0.0444	0.0008	0.0000	0.0000	0.0000	0.0262	0.0004	0.0046	0.0003	0.0004	0.0003	0.0090	0.0090	0.0015	0.0015
	Grasshopper	BA	0.4221	0.0076	0.0002	0.0004	0.0004	0.5542	0.0089	0.0971	0.0066	0.0089	0.0066	0.0118	0.0118	ND	ND
	Grasshopper	BE	0.0007	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0010	0.0010	ND	ND
	Grasshopper	CD	8.4348	0.1521	0.0040	0.0075	0.0075	0.3541	0.0057	0.0616	0.0042	0.0057	0.0042	0.2633	0.2633	0.0395	0.0395
	Grasshopper	CO	0.0012	0.0000	0.0000	0.0000	0.0000	0.6510	0.0100	0.1092	0.0093	0.0100	0.0093	0.0070	0.0070	ND	ND
	Grasshopper	CR	1.6015	0.0289	0.0008	0.0015	0.0015	0.0279	0.0003	0.0029	0.0029	0.0003	0.0029	0.0040	0.0040	0.7500	0.7500
	Grasshopper	CU	3.9532	0.0713	0.0019	0.0038	0.0038	7.4637	0.0720	0.7827	0.0426	0.0720	0.0426	0.3150	0.3150	0.3759	0.3759
	Grasshopper	FE	1.6994	0.0306	0.0008	0.0016	0.0016	5.4488	0.0876	0.9528	0.0646	0.0876	0.0646	ND	ND	0.0955	0.0955
	Grasshopper	HG	0.0555	0.0010	0.0000	0.0001	0.0001	0.0225	0.0003	0.0030	0.0002	0.0003	0.0002	0.0667	0.0667	0.0200	0.0200
	Grasshopper	MN	0.1354	0.0024	0.0001	0.0001	0.0001	0.1339	0.0022	0.0234	0.0016	0.0022	0.0016	0.0160	0.0160	ND	ND
	Grasshopper	NI	0.0468	0.0008	0.0000	0.0000	0.0000	0.0069	0.0001	0.0012	0.0001	0.0001	0.0001	0.0008	0.0008	0.0010	0.0010
	Grasshopper	PB	0.1819	0.0007	0.0001	0.0001	0.0001	0.1063	0.0017	0.0185	0.0013	0.0017	0.0013	0.0008	0.0008	0.0006	0.0006
	Grasshopper	SB	ND	ND	ND	ND	ND	0.1933	0.0031	0.0338	0.0023	0.0031	0.0023	0.0208	0.0208	ND	ND
	Grasshopper	SE	1.8151	0.0327	0.0009	0.0016	0.0016	1.2648	0.0152	0.1658	0.0113	0.0152	0.0113	0.1700	0.1700	0.0024	0.0024
	Grasshopper	V	ND	ND	ND	ND	ND	0.0983	0.0007	0.0103	0.0007	0.0007	0.0007	0.0700	0.0700	ND	ND
	Grasshopper	ZN	15.6279	0.2818	0.0075	0.0149	0.0149	3.3261	0.0257	0.3488	0.0237	0.0257	0.0237	1.2160	1.2160	0.3040	0.3040
21/37	Beetle	AG	0.0233	0.0000	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0209	0.0209	ND	ND
	Beetle	AL	ND	ND	ND	ND	ND	1.5844	0.0008	0.0067	0.0006	0.0008	0.0006	0.0973	0.0973	0.0254	0.0254
	Beetle	AS	0.6444	0.0005	0.0000	0.0000	0.0000	0.3808	0.0002	0.0027	0.0002	0.0002	0.0002	0.1300	0.1300	0.0217	0.0217
	Beetle	BA	0.4722	0.0003	0.0000	0.0000	0.0000	0.6200	0.0004	0.0044	0.0003	0.0004	0.0003	0.0132	0.0132	ND	ND
	Beetle	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002	ND	ND
	Beetle	CD	9.7160	0.0071	0.0002	0.0003	0.0003	0.4079	0.0003	0.0029	0.0002	0.0003	0.0002	0.3033	0.3033	0.0455	0.0455
	Beetle	CO	0.0007	0.0000	0.0000	0.0000	0.0000	0.4185	0.0003	0.0028	0.0002	0.0003	0.0002	0.0045	0.0045	ND	ND
	Beetle	CR	1.7083	0.0012	0.0000	0.0001	0.0001	0.0298	0.0000	0.0001	0.0000	0.0000	0.0000	0.0043	0.0043	0.8000	0.8000
	Beetle	CU	1.3177	0.0010	0.0000	0.0001	0.0001	2.4879	0.0010	0.0105	0.0006	0.0010	0.0006	0.1050	0.1050	0.1253	0.1253
	Beetle	FE	1.6674	0.0012	0.0000	0.0001	0.0001	5.3461	0.0035	0.0376	0.0026	0.0035	0.0026	ND	ND	0.0937	0.0937
	Beetle	HG	0.0833	0.0001	0.0000	0.0000	0.0000	0.0338	0.0000	0.0002	0.0000	0.0000	0.0000	0.1000	0.1000	0.0300	0.0300
	Beetle	MN	0.1253	0.0001	0.0000	0.0000	0.0000	0.1239	0.0001	0.0009	0.0001	0.0001	0.0001	0.0148	0.0148	ND	ND
	Beetle	NI	0.1073	0.0001	0.0000	0.0000	0.0000	0.0159	0.0000	0.0000	0.0000	0.0000	0.0000	0.0018	0.0018	0.0023	0.0023
	Beetle	PB	6.7486	0.0010	0.0001	0.0002	0.0002	3.9438	0.0025	0.0277	0.0019	0.0025	0.0019	0.0285	0.0285	0.0233	0.0233
	Beetle	SB	ND	ND	ND	ND	ND	0.1933	0.0001	0.0014	0.0001	0.0001	0.0001	0.0208	0.0208	ND	ND

Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU		American															
Number	Matrix	Analyte	Passerines			Kestrel	Great	Golden Eagle		Bald Eagle	Deer		Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
			SE	V	ZN	1.2812	0.0009	0.0000	0.0000	0.0000	0.0000	0.8928					
21/37 (cont.)	Beetle	SE												0.0047	0.0003	0.1200	0.0017
	Beetle	V												0.0003	0.0000	0.0500	ND
	Beetle	ZN												0.0099	0.0007	0.8600	0.2150
	Grasshopper	AG												0.0000	0.0000	0.0411	ND
	Grasshopper	AL												0.0035	0.0003	0.0514	0.0134
	Grasshopper	AS												0.0002	0.0000	0.0090	0.0015
	Grasshopper	BA												0.0019	0.0001	0.0057	ND
	Grasshopper	BE												0.0000	0.0000	0.0002	ND
	Grasshopper	CD												0.0018	0.0001	0.1933	0.0290
	Grasshopper	CO												0.0022	0.0002	0.0035	ND
	Grasshopper	CR												0.0001	0.0000	0.0032	0.6000
	Grasshopper	CU												0.0392	0.0021	0.3918	0.4675
	Grasshopper	FE												0.0219	0.0015	ND	0.0345
	Grasshopper	HG												0.0001	0.0000	0.0333	0.0100
	Grasshopper	MN												0.0007	0.0000	0.0111	ND
	Grasshopper	NI												0.0000	0.0000	0.0008	0.0010
	Grasshopper	PB												0.0023	0.0002	0.0024	0.0019
	Grasshopper	SB												0.0014	0.0001	0.0208	ND
	Grasshopper	SE												0.0210	0.0014	0.5345	0.0076
	Grasshopper	V												0.0001	0.0000	0.0175	ND
	42/45	Grasshopper	ZN												0.0139	0.0009	1.2050
Beetle		AG												0.0002	0.0000	0.0210	ND
Beetle		AL												0.5476	0.0465	0.1603	0.0418
Beetle		AS												0.2874	0.0196	0.2800	0.0467
Beetle		BA												0.1876	0.0127	0.0114	ND
Beetle		BE												0.0000	0.0000	0.0002	ND
Beetle		CD												0.0687	0.0047	0.1467	0.0220
Beetle		CO												0.2341	0.0199	0.0075	ND
Beetle		CR												0.0094	0.0005	0.0064	1.2000
Beetle		FE												0.6063	0.0330	0.1220	0.1456
Beetle		HG												2.9532	0.2004	ND	0.1480
Beetle		MN												0.0090	0.0006	0.1000	0.0300
Beetle		NI												0.0661	0.0045	0.0226	ND
Beetle		PB												0.0109	0.0007	0.0035	0.0044
Beetle		SB												0.3803	0.0259	0.0079	0.0064
Beetle		SE												0.3836	0.0261	0.1180	ND
Beetle		V												0.3316	0.0226	0.1700	0.0024
Beetle		ZN												0.0353	0.0024	0.1200	ND
Grasshopper		AG												0.6528	0.0444	1.1380	0.2845
Grasshopper		AL												0.0002	0.0000	0.0209	ND
Grasshopper		AL												0.0763	0.0065	0.0223	0.0058

Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
Number				Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer				
42/45 (cont.)	Grasshopper	AS	0.0471	0.0017	0.0000	0.0001	0.0001	0.0278	0.0009	0.0098	0.0007	0.0095	0.0016
	Grasshopper	BA	0.1073	0.0039	0.0001	0.0002	0.0002	0.1409	0.0045	0.0494	0.0033	0.0030	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0002	ND
	Grasshopper	CD	3.8437	0.1386	0.0037	0.0068	0.0068	0.1613	0.0052	0.0562	0.0038	0.1200	0.0180
	Grasshopper	CO	0.0003	0.0000	0.0000	0.0000	0.0000	0.1525	0.0047	0.0512	0.0044	0.0016	ND
	Grasshopper	CR	1.1745	0.0424	0.0011	0.0022	0.0022	0.0205	0.0004	0.0043	0.0002	0.0029	0.5500
	Grasshopper	CU	3.0370	0.1095	0.0029	0.0058	0.0058	5.7340	0.1106	1.2026	0.0655	0.2420	0.2888
	Grasshopper	FE	0.6050	0.0218	0.0006	0.0012	0.0012	1.9399	0.0624	0.6784	0.0460	ND	0.0340
	Grasshopper	HG	0.0278	0.0010	0.0000	0.0001	0.0001	0.0113	0.0003	0.0030	0.0002	0.0333	0.0100
	Grasshopper	MN	0.0337	0.0012	0.0000	0.0001	0.0001	0.0333	0.0011	0.0116	0.0008	0.0040	ND
	Grasshopper	NI	0.1884	0.0068	0.0002	0.0004	0.0004	0.0279	0.0009	0.0098	0.0007	0.0032	0.0040
	Grasshopper	PB	0.2728	0.0020	0.0003	0.0004	0.0004	0.1594	0.0051	0.0556	0.0038	0.0012	0.0009
	Grasshopper	SB	ND	ND	ND	ND	ND	0.1953	0.0063	0.0683	0.0046	0.0210	ND
	Grasshopper	SE	2.0286	0.0732	0.0019	0.0036	0.0036	1.4136	0.0341	0.3706	0.0252	0.1900	0.0027
	Grasshopper	V	ND	ND	ND	ND	ND	0.0244	0.0004	0.0051	0.0003	0.0174	ND
	Grasshopper	ZN	15.5507	0.5609	0.0148	0.0297	0.0297	3.3097	0.0511	0.6941	0.0472	1.2100	0.3025
RSA	Beetle	AG	0.0234	0.0049	0.0017	0.0035	0.0035	0.0011	0.0001	0.0003	0.0010	0.0210	ND
	Beetle	AL	ND	ND	ND	ND	ND	4.3292	0.5094	1.1405	4.5955	0.2658	0.0693
	Beetle	AS	0.2379	0.0497	0.0177	0.0354	0.0354	0.1406	0.0221	0.0619	0.1996	0.0480	0.0080
	Beetle	BA	0.1860	0.0389	0.0139	0.0277	0.0277	0.2442	0.0384	0.1075	0.3452	0.0032	ND
	Beetle	BE	0.0007	0.0001	0.0001	0.0001	0.0001	0.0003	0.0000	0.0001	0.0004	0.0010	ND
	Beetle	CD	1.6015	0.3346	0.1193	0.2215	0.2215	0.0672	0.0105	0.0294	0.0948	0.0500	0.0075
	Beetle	CO	0.0012	0.0003	0.0001	0.0002	0.0002	0.6975	0.1050	0.2940	1.1850	0.0075	ND
	Beetle	CR	2.2955	0.4796	0.1709	0.3419	0.3419	0.0400	0.0038	0.0105	0.0272	0.0057	1.0750
	Beetle	CU	0.7153	0.1495	0.0533	0.1065	0.1065	1.3506	0.1271	0.3558	0.9190	0.0570	0.0680
	Beetle	FE	3.7903	0.7919	0.2823	0.5645	0.5645	12.1528	1.9066	5.3386	17.1704	ND	0.2130
	Beetle	HG	0.0278	0.0058	0.0021	0.0041	0.0041	0.0113	0.0013	0.0038	0.0122	0.0333	0.0100
	Beetle	MN	0.1760	0.0368	0.0131	0.0262	0.0262	0.1741	0.0273	0.0765	0.2464	0.0208	ND
	Beetle	NI	0.2385	0.0498	0.0178	0.0355	0.0355	0.0353	0.0055	0.0155	0.0500	0.0040	0.0050
	Beetle	PB	0.2297	0.0096	0.0171	0.0274	0.0274	0.1343	0.0210	0.0588	0.1896	0.0010	0.0008
	Beetle	SB	ND	ND	ND	ND	ND	0.3906	0.0613	0.1715	0.5530	0.0420	ND
	Beetle	SE	1.3880	0.2900	0.1034	0.1920	0.1920	0.9672	0.1138	0.3185	1.0270	0.1300	0.0019
	Beetle	V	ND	ND	ND	ND	ND	0.2176	0.0162	0.0573	0.1814	0.1550	ND
	Beetle	ZN	11.1040	2.3200	0.8269	1.6538	1.6538	2.3633	0.1779	0.6226	2.0075	0.8640	0.2160
	Grasshopper	AG	0.0324	0.0068	0.0024	0.0048	0.0048	0.0016	0.0001	0.0004	0.0014	0.0291	ND
	Grasshopper	AL	ND	ND	ND	ND	ND	1.3932	0.1639	0.3670	1.4789	0.0855	0.0223
	Grasshopper	AS	0.0466	0.0097	0.0035	0.0069	0.0069	0.0275	0.0043	0.0121	0.0391	0.0094	0.0016
	Grasshopper	BA	0.1427	0.0298	0.0106	0.0212	0.0212	0.1873	0.0294	0.0825	0.2648	0.0040	ND
	Grasshopper	BE	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0002	ND
	Grasshopper	CD	5.3451	1.1168	0.3980	0.7392	0.7392	0.2244	0.0350	0.0981	0.3164	0.1669	0.0250
	Grasshopper	CO	0.0009	0.0002	0.0001	0.0001	0.0001	0.5314	0.0800	0.2240	0.9028	0.0057	ND

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Final Hazard Quotients for Metals in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Grasshopper	CR	1.9623	0.4100	0.1461	0.2923	0.2923	0.0342	0.0032	0.0090	0.0232	0.0049	0.9189
	Grasshopper	CU	2.6618	0.5561	0.1982	0.3964	0.3964	5.0255	0.4728	1.3239	3.4195	0.2121	0.2531
	Grasshopper	FE	1.4193	0.2965	0.1057	0.2114	0.2114	4.5307	0.7140	1.9991	6.4295	ND	0.0798
	Grasshopper	HG	0.0278	0.0058	0.0021	0.0041	0.0041	0.0113	0.0013	0.0038	0.0122	0.0333	0.0100
	Grasshopper	MIN	0.1104	0.0231	0.0082	0.0164	0.0164	0.1092	0.0171	0.0480	0.1545	0.0130	ND
	Grasshopper	NI	0.1223	0.0255	0.0091	0.0182	0.0182	0.1463	0.0028	0.0080	0.0256	0.0021	0.0026
	Grasshopper	PB	0.2503	0.0105	0.0186	0.0299	0.0299	0.1953	0.0306	0.0641	0.2066	0.0011	0.0009
	Grasshopper	SB	ND	ND	ND	ND	ND	1.4985	0.1762	0.0858	0.2765	0.0210	ND
	Grasshopper	SE	2.1504	0.4493	0.1601	0.2974	0.2974	1.4985	0.1762	0.4935	1.5911	0.2014	0.0029
	Grasshopper	V	ND	ND	ND	ND	ND	0.0865	0.0064	0.0228	0.0721	0.0616	ND
	Grasshopper	ZN	14.8487	3.1024	1.1058	2.2115	2.2115	3.1603	0.2379	0.8325	2.6845	1.1554	0.2888

*No toxicity data.

Summary Statistics for Pesticides in Biota

SWMU Number	Matrix	Analyte Code	Detects	Samples	% Detects	Minimum (ug/kg)	Maximum (ug/kg)	Mean (ug/kg)	Standard Deviation	UCL 95	C ^{term} (ug/kg)	C ^{term} mg/kg
10	Gumweed	PPDDE ^(b)	0	2	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT ^(b)	0	2	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	0	2	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
11	Gumweed	PPDDE	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	1	1	100	1.40E+02	1.40E+02	1.40E+02	0.00E+00	0.00E+00	1.40E+02	1.40E-01
	Rabbitbrush	PPDDT	0	1	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
12	Rabbitbrush	PPDDE	0	1	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	1	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	1	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	1	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
15	Gumweed	PPDDE	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	2	3	67	1.70E+01	1.10E+02	6.17E+01	4.66E+01	1.40E+02	1.10E+02	1.10E-01
	Rabbitbrush	PPDDT	0	3	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
21	Rabbitbrush	PPDDE	0	2	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	2	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Gumweed	PPDDE	0	2	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	2	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
37	Rabbitbrush	PPDDE	0	2	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Ambrosia	PPDDE	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Ambrosia	PPDDT	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
42	Rabbitbrush	PPDDE	0	2	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	2	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	2	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
45	Gumweed	PPDDE	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	1	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	0	9	44	1.70E+01	1.30E+02	4.69E+01	4.03E+01	7.19E+01	7.19E+01	7.19E-02
	Rabbitbrush	PPDDT	0	9	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
1B	Sweetclover	PPDDE	0	8	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	8	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Gumweed	PPDDE	0	3	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	3	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
1B	Jackrabbit	PPDDE	3	15	20	3.35E-01	1.20E+00	4.50E-01	2.57E-01	5.67E-01	5.67E-01	5.67E-04
	Jackrabbit	PPDDT	0	15	0	5.00E+00	5.00E+00	5.00E+00	0.00E+00	0.00E+00	5.00E+00	5.00E-03
	Rabbitbrush	PPDDE	0	5	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Rabbitbrush	PPDDT	0	5	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
1B	Sweetclover	PPDDE	0	3	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	0	3	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Gumweed	PPDDE	0	2	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	2	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02

Summary Statistics for Pesticides in Biota (continued)

SWMU Number	Matrix	Analyte Code	Detects	Samples	% Detects	Minimum (ug/kg)	Maximum (ug/kg)	Mean (ug/kg)	Standard Deviation	UCL 95	Cterm (ug/kg)	Cterm mg/kg
1B (cont.)	Rabbitbrush	PPDDE	0	2	0	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
IC	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Gumweed	PPDDE	0	2	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	2	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Rabbitbrush	PPDDE	1	2	50	1.70E+01	8.30E+01	5.00E+01	4.67E+01	2.58E+02	8.30E+01	8.30E-02
RSA	Rabbitbrush	PPDDT	0	2	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Gumweed	PPDDE	0	7	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	0	7	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Jackrabbit	PPDDE	1	15	7	3.35E-01	2.50E+00	4.79E-01	5.59E-01	7.34E-01	7.34E-01	7.34E-04
10 ^(c)	Jackrabbit	PPDDT	0	15	0	5.00E+00	5.00E+00	5.00E+00	0.00E+00	0.00E+00	5.00E+00	5.00E-03
	Rabbitbrush	PPDDE	4	15	27	1.70E+01	1.30E+02	4.19E+01	4.33E+01	6.16E+01	6.16E+01	6.16E-02
	Rabbitbrush	PPDDT	0	15	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Sweetclover	PPDDE	0	15	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
11	Sweetclover	PPDDT	0	15	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
12	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
15	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	1.72E-02
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	9.32E-02
	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	2.24E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
21	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
37	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
42	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
1B	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	1.19E-02
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
1C	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03
	Jackrabbit	PPDDT	0	0	0	0	0	0	0	0	0	7.74E-03
	Jackrabbit	PPDDE	0	0	0	0	0	0	0	0	0	2.24E-03

^a2,2-Bis(p-chlorophenyl)-1,1-dichloroethane.

^b2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane.

^cCterm values represent modeled or calculated data, or data based on 1/2 the method detection limit.

Summary Statistics for Pesticides in Biota (Invertebrates)

SWMU	Matrix	Analyte	Number of	Number of	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm -ug/kg	Cterm mg/kg
10/11	Beetle	PPDDE ^(a)	1	2	50	4.30E-01	1.30E+01	6.72E+00	8.89E+00	4.64E+01	1.30E+01	1.30E-02
	Beetle	PPDDT ^(b)	1	2	50	2.15E-01	5.20E+00	2.71E+00	3.52E+00	1.84E+01	5.20E+00	5.20E-03
	Grasshopper	PPDDE	0	2	0	4.30E-01	4.30E-01	4.30E-01	0.00E+00	NA ^(c)	4.30E-01	4.30E-04
	Grasshopper	PPDDT	0	2	0	2.15E-01	2.15E-01	2.15E-01	0.00E+00	NA	2.15E-01	2.15E-04
12/15	Beetle	PPDDE	0	1	0	4.30E-01	4.30E-01	4.30E-01	NA	NA	4.30E-01	4.30E-04
	Beetle	PPDDT	1	1	100	2.50E+00	2.50E+00	2.50E+00	NA	NA	2.50E+00	2.50E-03
	Grasshopper	PPDDE	0	5	0	4.30E-01	3.90E+00	1.12E+00	1.55E+00	2.60E+00	3.90E+00	3.90E-03
	Grasshopper	PPDDT	0	5	0	2.15E-01	1.95E+00	5.62E-01	7.76E-01	1.30E+00	1.95E+00	1.95E-03
1b/1c	Grasshopper	PPDDE	0	2	0	4.30E-01	4.30E-01	4.30E-01	0.00E+00	NA	4.30E-01	4.30E-04
	Grasshopper	PPDDT	0	2	0	2.15E-01	2.15E-01	2.15E-01	0.00E+00	NA	2.15E-01	2.15E-04
21/37	Beetle	PPDDE	1	1	100	6.40E+01	6.40E+01	6.40E+01	NA	NA	6.40E+01	6.40E-02
	Beetle	PPDDT	1	1	100	1.40E+00	1.40E+00	1.40E+00	NA	NA	1.40E+00	1.40E-03
	Grasshopper	PPDDE	0	4	0	4.30E-01	2.05E+00	8.35E-01	8.10E-01	1.79E+00	2.05E+00	2.05E-03
	Grasshopper	PPDDT	1	4	25	2.15E-01	2.70E+00	8.36E-01	1.24E+00	2.30E+00	2.30E+00	2.30E-03
42/45	Beetle	PPDDE	2	2	100	2.00E+01	4.30E+01	3.15E+01	1.63E+01	1.04E+02	4.30E+01	4.30E-02
	Beetle	PPDDT	2	2	100	7.80E+00	1.40E+01	1.09E+01	4.38E+00	3.05E+01	1.40E+01	1.40E-02
	Grasshopper	PPDDE	2	3	67	4.30E-01	1.70E+00	1.08E+00	6.35E-01	2.15E+00	1.70E+00	1.70E-03
	Grasshopper	PPDDT	1	3	33	2.15E-01	1.20E+00	5.43E-01	5.69E-01	1.50E+00	1.20E+00	1.20E-03
RSA	Beetle	PPDDE	3	3	100	2.00E+00	5.50E+00	3.53E+00	1.79E+00	6.55E+00	5.50E+00	5.50E-03
	Beetle	PPDDT	0	3	0	2.15E-01	2.15E-01	2.15E-01	0.00E+00	NA	2.15E-01	2.15E-04
	Grasshopper	PPDDE	0	10	0	4.30E-01	5.00E-01	4.37E-01	2.21E-02	4.50E-01	5.00E-01	5.00E-04
	Grasshopper	PPDDT	3	10	30	2.15E-01	7.20E-01	3.50E-01	2.18E-01	4.76E-01	4.76E-01	4.76E-04

^a2,2-Bis(p-chlorophenyl)-1,1-dichloroethane.

^b2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane.

^cNot applicable.

Final Hazard Quotients for Pesticides in Biota

Number	Matrix	Analvte	Passerines	Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
10	Gumweed	PPDDE ⁽¹⁾	2.36E+00	4.15E-03	1.10E-04	1.10E-04	4.39E-05	5.94E-03	7.00E-06	1.21E-04	5.18E-06	ND ⁽⁶⁾	1.70E-04
	Gumweed	PPDDT ⁽⁶⁾	7.98E-01	1.40E-03	3.71E-05	3.71E-05	1.49E-05	2.01E-03	2.37E-06	4.09E-05	1.75E-06	ND	5.75E-05
	Rabbitbrush	PPDDE	1.18E+00	2.08E-03	5.49E-05	5.49E-05	2.20E-05	2.97E-03	3.50E-06	6.05E-05	2.59E-06	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	2.93E-03	7.75E-05	7.75E-05	3.10E-05	4.19E-03	4.94E-06	8.54E-05	3.65E-06	ND	1.20E-04
11	Gumweed	PPDDE	2.36E+00	6.23E-03	1.65E-04	1.65E-04	6.59E-05	5.94E-03	1.05E-05	1.81E-04	7.77E-06	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	2.11E-03	5.57E-05	5.57E-05	2.23E-05	2.01E-03	3.53E-06	6.14E-05	2.63E-06	ND	5.75E-05
	Rabbitbrush	PPDDE	9.72E+00	2.56E-02	6.78E-04	6.78E-04	2.71E-04	2.43E-02	4.32E-05	7.47E-04	3.20E-05	ND	7.00E-04
	Rabbitbrush	PPDDT	1.67E+00	4.40E-03	1.16E-04	1.16E-04	4.65E-05	4.19E-03	7.41E-06	1.28E-04	5.48E-06	ND	1.20E-04
	Rabbitbrush	PPDDE	1.18E+00	1.56E-02	4.12E-04	4.12E-04	1.65E-04	2.97E-03	2.63E-05	4.53E-04	1.94E-05	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	2.20E-02	5.81E-04	5.81E-04	2.33E-04	4.19E-03	3.71E-05	6.40E-04	2.74E-05	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	1.24E-03	3.27E-05	3.27E-05	1.31E-05	2.36E-04	2.08E-06	3.60E-05	1.54E-06	ND	6.75E-06
	Sweetclover	PPDDT	2.08E-01	2.73E-03	7.27E-05	7.27E-05	2.91E-05	5.24E-04	4.63E-06	8.00E-05	3.43E-06	ND	1.50E-05
15	Gumweed	PPDDE	2.36E+00	1.04E-01	2.75E-03	2.75E-03	1.10E-03	5.94E-03	1.73E-04	3.02E-03	1.29E-04	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	3.51E-02	9.29E-04	9.29E-04	3.71E-04	2.01E-03	5.92E-05	1.02E-03	4.38E-05	ND	5.50E-04
	Rabbitbrush	PPDDE	7.63E+00	3.36E-01	8.88E-03	8.88E-03	3.55E-03	1.92E-02	5.66E-04	9.78E-03	4.19E-04	ND	5.50E-04
	Rabbitbrush	PPDDT	1.67E+00	7.33E-02	1.94E-03	1.94E-03	7.75E-04	4.19E-03	1.24E-04	2.13E-03	9.14E-05	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	4.12E-03	1.09E-04	1.09E-04	4.36E-05	2.36E-04	6.95E-06	1.20E-04	5.14E-06	ND	6.75E-06
21	Gumweed	PPDDT	2.08E-01	9.16E-03	2.42E-04	2.42E-04	9.69E-05	5.24E-04	1.54E-05	2.67E-04	1.14E-05	ND	1.50E-05
	Gumweed	PPDDE	9.83E-01	2.59E-04	6.86E-06	6.86E-06	2.75E-06	1.41E-03	4.38E-07	7.56E-06	3.24E-07	ND	1.70E-04
	Rabbitbrush	PPDDT	3.33E-01	8.78E-05	2.32E-06	2.32E-06	9.29E-07	4.78E-04	1.48E-07	2.56E-06	1.09E-07	ND	5.75E-05
	Rabbitbrush	PPDDE	6.94E-01	1.30E-04	4.85E-06	4.85E-06	1.94E-06	9.98E-04	2.19E-07	3.78E-06	1.62E-07	ND	8.50E-05
37	Rabbitbrush	PPDDT	2.36E+00	1.45E-03	3.84E-05	3.84E-05	1.54E-05	5.94E-03	3.09E-07	5.34E-06	2.28E-07	ND	1.20E-04
	Ambrosia	PPDDE	7.98E-01	4.91E-04	1.30E-05	1.30E-05	5.20E-06	2.01E-03	2.45E-06	4.23E-05	1.81E-06	ND	1.70E-04
	Ambrosia	PPDDT	1.18E+00	7.27E-04	1.92E-05	1.92E-05	7.69E-06	2.97E-03	8.29E-07	2.12E-05	9.06E-07	ND	5.75E-05
	Rabbitbrush	PPDDT	1.67E+00	1.03E-03	2.71E-05	2.71E-05	1.09E-05	4.19E-03	1.73E-06	2.99E-05	1.28E-06	ND	8.50E-05
	Sweetclover	PPDDE	9.37E-02	5.77E-05	1.53E-06	1.53E-06	6.10E-07	2.36E-04	9.73E-08	1.68E-06	7.19E-08	ND	6.75E-06
42	Sweetclover	PPDDT	2.08E-01	1.28E-04	3.39E-06	3.39E-06	1.36E-06	5.24E-04	2.16E-07	3.73E-06	1.60E-07	ND	1.50E-05
	Gumweed	PPDDE	2.36E+00	7.47E-02	1.98E-03	1.98E-03	7.91E-04	5.94E-03	1.26E-04	2.18E-03	9.32E-05	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	2.53E-02	6.69E-04	6.69E-04	2.67E-04	2.01E-03	4.26E-05	7.36E-04	3.13E-05	ND	5.75E-05
	Rabbitbrush	PPDDE	4.99E+00	1.58E-01	4.18E-03	4.18E-03	1.67E-03	1.25E-02	2.66E-04	4.60E-03	1.97E-04	ND	3.59E-04
	Rabbitbrush	PPDDT	1.67E+00	5.27E-02	1.40E-03	1.40E-03	5.58E-04	4.19E-03	8.89E-05	1.54E-03	6.58E-05	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	2.97E-03	7.85E-05	7.85E-05	3.14E-05	2.36E-04	5.00E-06	8.64E-05	3.70E-06	ND	6.75E-06
45	Sweetclover	PPDDT	2.08E-01	6.59E-03	1.74E-04	1.74E-04	6.98E-05	5.24E-04	1.11E-05	1.92E-04	8.22E-06	ND	1.50E-05
	Gumweed	PPDDE	2.36E+00	1.04E-02	2.75E-04	2.75E-04	1.10E-05	5.94E-03	1.75E-05	3.02E-04	1.29E-05	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	3.51E-03	9.29E-05	9.29E-05	3.71E-05	2.01E-03	5.92E-06	1.02E-04	4.38E-06	ND	5.75E-05
	Jackrabbit	PPDDE	3.93E-02	1.73E-04	4.58E-06	4.58E-06	1.83E-06	9.90E-05	2.92E-07	5.04E-06	2.16E-07	ND	2.83E-06
	Jackrabbit	PPDDT	3.47E-01	1.53E-03	4.04E-05	4.04E-05	1.62E-05	8.73E-04	2.57E-06	4.45E-05	1.90E-06	ND	2.50E-05
	Rabbitbrush	PPDDE	1.18E+00	5.19E-03	1.37E-04	1.37E-04	5.49E-05	2.97E-03	8.75E-06	1.51E-04	6.47E-06	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	7.33E-03	1.94E-04	1.94E-04	7.75E-05	4.19E-03	1.24E-05	2.13E-04	9.14E-06	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	4.12E-04	1.09E-05	1.09E-05	4.36E-06	2.36E-04	6.95E-07	1.20E-05	5.14E-07	ND	6.75E-06

Final Hazard Quotients for Pesticides in Biota (continued)

Number	Matrix	Analyte	Passerines	Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	Sweetclover	PPDDT	2.08E-01	9.16E-04	2.42E-05	2.42E-05	9.69E-06	5.24E-04	1.54E-06	2.67E-05	1.14E-06	ND	1.50E-05
1B	Gumweed	PPDDE	2.36E+00	1.04E-03	2.75E-05	2.75E-05	1.10E-05	5.66E-03	1.75E-06	3.02E-05	1.29E-06	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	3.51E-04	9.29E-06	9.29E-06	3.71E-06	1.91E-03	5.92E-07	1.02E-05	4.38E-07	ND	5.75E-05
	Rabbitbrush	PPDDE	1.18E+00	7.33E-04	1.37E-05	1.37E-05	5.49E-06	2.83E-03	8.75E-07	1.51E-05	6.47E-07	ND	8.50E-05
	Rabbitbrush	PPDDT	1.67E+00	4.15E-02	1.10E-03	1.10E-03	4.39E-04	3.99E-03	1.24E-06	2.13E-05	9.14E-07	ND	1.20E-04
1C	Gumweed	PPDDE	2.36E+00	1.40E-02	3.71E-04	3.71E-04	1.49E-04	5.94E-03	7.00E-05	1.21E-03	5.18E-05	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	1.01E-01	2.68E-03	2.68E-03	1.07E-03	2.01E-03	2.37E-05	4.09E-04	1.75E-05	ND	5.75E-05
	Rabbitbrush	PPDDE	5.76E+00	2.93E-02	7.75E-04	7.75E-04	3.10E-04	4.19E-03	1.71E-04	2.95E-03	1.26E-04	ND	4.15E-04
	Rabbitbrush	PPDDT	1.67E+00	4.93E-01	1.76E-01	1.76E-01	7.03E-02	5.94E-03	4.94E-05	8.54E-04	3.63E-05	ND	1.20E-04
RSA	Gumweed	PPDDE	2.36E+00	1.67E-01	5.94E-02	5.94E-02	2.38E-02	2.01E-03	2.37E-04	3.11E-03	6.32E-03	ND	1.70E-04
	Gumweed	PPDDT	7.98E-01	1.06E-02	3.79E-03	3.79E-03	1.52E-03	1.28E-04	2.37E-04	1.03E-03	2.14E-03	ND	5.75E-05
	Jackrabbit	PPDDE	5.09E-02	7.23E-02	2.58E-02	2.58E-02	1.03E-02	8.73E-04	1.03E-04	4.58E-04	1.36E-04	ND	3.67E-06
	Jackrabbit	PPDDT	3.47E-01	8.93E-01	3.18E-01	3.18E-01	1.27E-01	1.08E-02	1.27E-03	5.64E-03	9.29E-04	ND	2.50E-05
10 ^(d)	Rabbitbrush	PPDDE	4.27E+00	3.48E-01	1.24E-01	1.24E-01	4.96E-02	4.19E-03	4.94E-04	2.20E-03	1.14E-02	ND	3.08E-04
	Rabbitbrush	PPDDT	1.67E+00	1.96E-02	6.98E-03	6.98E-03	2.79E-03	2.36E-04	2.78E-05	1.24E-04	2.51E-04	ND	1.20E-04
	Sweetclover	PPDDE	9.37E-02	4.35E-02	1.55E-02	1.55E-02	6.20E-03	5.24E-04	6.18E-05	2.75E-04	5.58E-04	ND	6.75E-06
	Sweetclover	PPDDT	2.08E-01	2.74E-04	7.24E-06	7.24E-06	2.89E-06	3.91E-04	4.61E-07	7.97E-06	3.41E-07	ND	1.50E-05
11	Jackrabbit	PPDDE	5.37E-01	9.45E-04	2.50E-05	2.50E-05	1.00E-05	1.35E-03	1.59E-06	2.75E-05	1.18E-06	ND	1.12E-05
	Jackrabbit	PPDDT	1.55E-01	4.10E-04	1.09E-05	1.09E-05	4.34E-06	3.91E-04	6.92E-07	1.20E-05	5.12E-07	ND	3.87E-05
	Jackrabbit	PPDDE	5.37E-01	1.42E-03	3.75E-05	3.75E-05	1.50E-05	1.35E-03	2.39E-06	4.13E-05	1.77E-06	ND	1.12E-05
	Jackrabbit	PPDDT	1.55E-01	2.05E-03	5.43E-05	5.43E-05	2.17E-05	3.91E-04	3.46E-06	5.98E-05	2.56E-06	ND	3.87E-05
15	Jackrabbit	PPDDE	5.37E-01	7.09E-03	1.88E-04	1.88E-04	7.50E-05	1.35E-03	1.20E-05	2.06E-04	8.84E-06	ND	3.87E-05
	Jackrabbit	PPDDT	1.19E+00	5.25E-02	1.39E-03	1.39E-03	5.56E-04	3.00E-03	8.83E-05	1.53E-03	6.55E-05	ND	8.60E-05
	Jackrabbit	PPDDE	6.47E+00	2.85E-01	7.53E-03	7.53E-03	3.01E-03	1.63E-02	4.80E-04	8.29E-03	3.55E-04	ND	4.66E-04
	Jackrabbit	PPDDT	2.24E-01	1.71E-05	4.52E-07	4.52E-07	1.81E-07	9.31E-05	2.88E-08	4.98E-07	2.13E-08	ND	1.12E-05
37	Jackrabbit	PPDDE	2.24E-01	5.91E-05	1.56E-06	1.56E-06	6.25E-07	3.22E-04	9.96E-08	1.72E-06	7.37E-08	ND	3.87E-05
	Jackrabbit	PPDDT	1.55E-01	9.57E-05	2.53E-06	2.53E-06	1.01E-06	3.91E-04	1.61E-07	2.79E-06	1.19E-07	ND	1.12E-05
	Jackrabbit	PPDDE	5.37E-01	3.31E-04	8.75E-06	8.75E-06	3.50E-06	1.35E-03	5.58E-07	9.64E-06	4.12E-07	ND	3.87E-05
	Jackrabbit	PPDDT	1.80E-01	5.71E-03	1.51E-04	1.51E-04	6.05E-05	4.54E-04	9.64E-06	1.66E-04	7.13E-06	ND	1.30E-05
1B	Jackrabbit	PPDDE	8.26E-01	2.62E-02	6.92E-04	6.92E-04	2.77E-04	2.08E-03	4.41E-05	7.62E-04	3.26E-05	ND	5.95E-05
	Jackrabbit	PPDDT	1.55E-01	6.84E-05	1.81E-06	1.81E-06	7.24E-07	3.73E-04	1.15E-07	1.99E-06	8.53E-08	ND	1.12E-05
	Jackrabbit	PPDDE	5.37E-01	2.36E-04	6.35E-06	6.35E-06	2.50E-06	1.29E-03	3.98E-07	6.88E-06	2.95E-07	ND	3.87E-05
	Jackrabbit	PPDDT	1.55E-01	2.74E-03	7.24E-05	7.24E-05	2.89E-05	3.91E-04	4.61E-06	7.97E-05	3.41E-06	ND	1.12E-05
1C	Jackrabbit	PPDDE	5.37E-01	9.45E-03	2.50E-04	2.50E-04	1.00E-04	1.35E-03	1.59E-05	2.75E-04	1.18E-05	ND	3.87E-05
	Jackrabbit	PPDDT	1.55E-01	2.05E-03	5.43E-05	5.43E-05	2.17E-05	3.91E-04	3.46E-06	5.98E-05	2.56E-06	ND	3.87E-05
	Jackrabbit	PPDDE	5.37E-01	7.09E-03	1.88E-04	1.88E-04	7.50E-05	1.35E-03	1.20E-05	2.06E-04	8.84E-06	ND	3.87E-05
	Jackrabbit	PPDDT	1.19E+00	5.25E-02	1.39E-03	1.39E-03	5.56E-04	3.00E-03	8.83E-05	1.53E-03	6.55E-05	ND	8.60E-05
21	Jackrabbit	PPDDE	6.47E+00	2.85E-01	7.53E-03	7.53E-03	3.01E-03	1.63E-02	4.80E-04	8.29E-03	3.55E-04	ND	4.66E-04
	Jackrabbit	PPDDT	2.24E-01	1.71E-05	4.52E-07	4.52E-07	1.81E-07	9.31E-05	2.88E-08	4.98E-07	2.13E-08	ND	1.12E-05
	Jackrabbit	PPDDE	2.24E-01	5.91E-05	1.56E-06	1.56E-06	6.25E-07	3.22E-04	9.96E-08	1.72E-06	7.37E-08	ND	3.87E-05
	Jackrabbit	PPDDT	1.55E-01	9.57E-05	2.53E-06	2.53E-06	1.01E-06	3.91E-04	1.61E-07	2.79E-06	1.19E-07	ND	1.12E-05
42	Jackrabbit	PPDDE	5.37E-01	3.31E-04	8.75E-06	8.75E-06	3.50E-06	1.35E-03	5.58E-07	9.64E-06	4.12E-07	ND	3.87E-05
	Jackrabbit	PPDDT	1.80E-01	5.71E-03	1.51E-04	1.51E-04	6.05E-05	4.54E-04	9.64E-06	1.66E-04	7.13E-06	ND	1.30E-05
	Jackrabbit	PPDDE	8.26E-01	2.62E-02	6.92E-04	6.92E-04	2.77E-04	2.08E-03	4.41E-05	7.62E-04	3.26E-05	ND	5.95E-05
	Jackrabbit	PPDDT	1.55E-01	6.84E-05	1.81E-06	1.81E-06	7.24E-07	3.73E-04	1.15E-07	1.99E-06	8.53E-08	ND	1.12E-05
1B	Jackrabbit	PPDDE	5.37E-01	2.36E-04	6.35E-06	6.35E-06	2.50E-06	1.29E-03	3.98E-07	6.88E-06	2.95E-07	ND	3.87E-05
	Jackrabbit	PPDDT	1.55E-01	2.74E-03	7.24E-05	7.24E-05	2.89E-05	3.91E-04	4.61E-06	7.97E-05	3.41E-06	ND	1.12E-05
	Jackrabbit	PPDDE	5.37E-01	9.45E-03	2.50E-04	2.50E-04	1.00E-04	1.35E-03	1.59E-05	2.75E-04	1.18E-05	ND	3.87E-05
	Jackrabbit	PPDDT	1.55E-01	2.05E-03	5.43E-05	5.43E-05	2.17E-05	3.91E-04	3.46E-06	5.98E-05	2.56E-06	ND	3.87E-05

^a2,2-Bis(p-chlorophenyl)-1,1-dichloroethane.

^bNo toxicity data.

^c2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane.

^dItalics indicate that hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients for Pesticides in Biota (Invertebrates)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10/11	Beetle	PPDDE ^(a)	9.02E-01	3.97E-03	1.05E-04	1.05E-04	4.20E-05	2.27E-03	6.69E-06	7.28E-05	4.93E-06	ND ^(b)	6.50E-05
	Beetle	PPDDT ^(c)	3.61E-01	1.59E-03	4.20E-05	4.20E-05	1.68E-05	9.08E-04	2.63E-06	2.91E-05	1.98E-06	ND	2.60E-05
	Grasshopper	PPDDE	2.98E-02	1.31E-04	3.47E-06	1.74E-06	1.39E-06	7.51E-05	2.21E-07	2.41E-06	1.64E-07	ND	2.15E-06
	Grasshopper	PPDDT	1.49E-02	6.56E-05	1.74E-06	1.74E-06	6.94E-07	3.75E-05	1.11E-07	1.20E-06	8.18E-08	ND	1.08E-06
12/15	Beetle	PPDDE	2.98E-02	1.71E-03	4.51E-05	4.51E-05	1.81E-05	7.51E-05	2.88E-06	2.48E-05	2.13E-06	ND	2.15E-06
	Beetle	PPDDT	1.74E-01	9.92E-03	2.62E-04	2.62E-04	1.05E-04	4.37E-04	1.67E-05	1.44E-04	1.24E-05	ND	1.25E-05
	Grasshopper	PPDDE	2.71E-01	1.55E-02	4.09E-04	4.09E-04	1.64E-04	6.81E-04	2.61E-05	2.25E-04	1.93E-05	ND	1.95E-05
	Grasshopper	PPDDT	1.35E-01	7.74E-03	2.05E-04	2.05E-04	8.19E-05	3.41E-04	1.30E-05	1.12E-04	9.65E-06	ND	9.75E-06
1b/1c	Grasshopper	PPDDE	2.98E-02	5.38E-04	1.42E-05	1.42E-05	5.69E-06	7.51E-05	9.07E-07	9.87E-06	6.71E-07	ND	2.15E-06
	Grasshopper	PPDDT	1.49E-02	2.69E-04	7.12E-06	7.12E-06	2.85E-06	3.75E-05	4.54E-07	4.93E-06	3.36E-07	ND	1.08E-06
21/37	Beetle	PPDDE	4.44E+00	3.22E-03	8.53E-05	8.53E-05	3.41E-05	1.12E-02	5.44E-06	5.91E-05	4.02E-06	ND	3.20E-04
	Beetle	PPDDT	9.72E-02	7.05E-05	1.87E-06	1.87E-06	7.46E-07	2.45E-04	1.19E-07	1.29E-06	8.79E-08	ND	7.00E-06
	Grasshopper	PPDDE	1.42E-01	1.03E-04	2.73E-06	2.73E-06	1.09E-06	3.58E-04	1.74E-07	1.89E-06	1.29E-07	ND	1.03E-05
	Grasshopper	PPDDT	1.59E-01	1.16E-04	3.06E-06	3.06E-06	1.22E-06	4.01E-04	1.95E-07	2.12E-06	1.44E-07	ND	1.15E-05
42/45	Beetle	PPDDE	2.98E+00	1.08E-01	2.85E-03	2.85E-03	1.14E-03	7.51E-03	1.81E-04	1.97E-03	1.34E-04	ND	2.15E-04
	Beetle	PPDDT	9.72E-01	3.50E-02	9.27E-04	9.27E-04	3.71E-04	2.45E-03	5.91E-05	6.43E-04	4.37E-05	ND	7.00E-05
	Grasshopper	PPDDE	1.18E-01	4.26E-03	1.13E-04	1.13E-04	4.50E-05	2.97E-04	7.18E-06	7.80E-05	5.31E-06	ND	8.50E-06
	Grasshopper	PPDDT	8.33E-02	3.00E-03	7.95E-05	7.95E-05	3.18E-05	2.10E-04	5.06E-06	5.51E-05	3.75E-06	ND	6.00E-06
RSA	Beetle	PPDDE	3.82E-01	7.98E-02	2.84E-02	2.84E-02	1.14E-02	9.61E-04	1.13E-04	3.17E-04	1.02E-03	ND	2.75E-05
	Beetle	PPDDT	1.49E-02	3.12E-03	1.11E-03	1.11E-03	4.44E-04	3.75E-05	4.43E-06	1.24E-05	4.00E-05	ND	1.08E-06
	Grasshopper	PPDDE	3.47E-02	7.25E-03	2.58E-03	2.58E-03	1.03E-03	8.73E-05	1.03E-05	2.88E-05	9.29E-05	ND	2.50E-06
	Grasshopper	PPDDT	3.30E-02	6.90E-03	2.46E-03	2.46E-03	9.84E-04	8.31E-05	9.80E-06	2.74E-05	8.85E-05	ND	2.38E-06

^a2,2-Bis(p-chlorophenyl)-1,1-dichloroethane.

^bNo toxicity data.

^c2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane.

Summary Statistics for Dioxins/Furans in Biota

SWMU Number	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
10	Gumweed	1234678-HpCDD	0	2	0	6.34E-01	7.00E-01	6.67E-01	4.70E-02	8.77E-01	7.00E-01	7.00E-07
	Gumweed	1234678-HpCDF	0	2	0	3.15E-01	3.59E-01	3.37E-01	3.11E-02	4.76E-01	3.59E-01	3.59E-07
	Gumweed	123478-HxCDD	0	2	0	4.98E-01	5.68E-01	5.33E-01	4.99E-02	7.55E-01	5.68E-01	5.68E-07
	Gumweed	123478-HxCDF	0	2	0	2.65E-01	3.10E-01	2.87E-01	3.18E-02	4.29E-01	3.10E-01	3.10E-07
	Gumweed	1234789-HpCDF	0	2	0	5.16E-01	5.89E-01	5.52E-01	5.13E-02	7.81E-01	5.89E-01	5.89E-07
	Gumweed	123678-HxCDD	0	2	0	4.16E-01	4.75E-01	4.46E-01	4.17E-02	6.32E-01	4.75E-01	4.75E-07
	Gumweed	123678-HxCDF	0	2	0	2.11E-01	2.47E-01	2.29E-01	2.55E-02	3.43E-01	2.47E-01	2.47E-07
	Gumweed	12378-PeCDD	0	2	0	2.94E-01	3.62E-01	3.28E-01	4.84E-02	5.44E-01	3.62E-01	3.62E-07
	Gumweed	12378-PeCDF	0	2	0	1.57E-01	1.96E-01	1.76E-01	2.72E-02	2.98E-01	1.96E-01	1.96E-07
	Gumweed	123789-HxCDD	0	2	0	4.51E-01	5.15E-01	4.83E-01	4.53E-02	6.85E-01	5.15E-01	5.15E-07
	Gumweed	123789-HxCDF	0	2	0	2.83E-01	3.32E-01	3.07E-01	3.43E-02	4.60E-01	3.32E-01	3.32E-07
	Gumweed	234678-HxCDF	0	2	0	2.54E-01	2.98E-01	2.76E-01	3.08E-02	4.13E-01	2.98E-01	2.98E-07
	Gumweed	23478-PeCDF	0	2	0	1.52E-01	1.89E-01	1.70E-01	2.63E-02	2.89E-01	1.89E-01	1.89E-07
	Gumweed	2378-TCDD	0	2	0	1.94E-01	2.25E-01	2.09E-01	2.23E-02	3.09E-01	2.25E-01	2.25E-07
	Gumweed	2378-TCDF	0	2	0	1.61E-01	2.01E-01	1.81E-01	2.83E-02	3.07E-01	2.01E-01	2.01E-07
	Gumweed	OCDD	1	2	50	9.52E-01	2.73E+00	1.84E+00	1.26E+00	7.46E+00	2.73E+00	2.73E-06
	Gumweed	OCDF	0	2	0	7.73E-01	8.06E-01	7.89E-01	2.33E-02	8.93E-01	8.06E-01	8.06E-07
	Gumweed	TOTAL HpCDD	0	2	0	6.34E-01	7.00E-01	6.67E-01	4.70E-02	8.77E-01	7.00E-01	7.00E-07
	Gumweed	TOTAL HpCDF	0	2	0	3.91E-01	4.46E-01	4.19E-01	3.89E-02	5.92E-01	4.46E-01	4.46E-07
	Gumweed	TOTAL HxCDD	0	2	0	4.53E-01	5.17E-01	4.85E-01	4.53E-02	6.87E-01	5.17E-01	5.17E-07
	Gumweed	TOTAL HxCDF	0	2	0	2.50E-01	2.93E-01	2.72E-01	3.04E-02	4.07E-01	2.93E-01	2.93E-07
	Gumweed	TOTAL PeCDD	0	2	0	2.94E-01	3.62E-01	3.28E-01	4.84E-02	5.44E-01	3.62E-01	3.62E-07
	Gumweed	TOTAL PeCDF	0	2	0	1.55E-01	1.92E-01	1.73E-01	2.65E-02	2.92E-01	1.92E-01	1.92E-07
	Gumweed	TOTAL TCDD	0	2	0	1.94E-01	2.25E-01	2.09E-01	2.23E-02	3.09E-01	2.25E-01	2.25E-07
	Gumweed	TOTAL TCDF	0	2	0	1.61E-01	2.01E-01	1.81E-01	2.83E-02	3.07E-01	2.01E-01	2.01E-07
	Rabbitbrush	1234678-HpCDD	1	2	50	2.89E-01	9.01E-01	5.95E-01	4.33E-01	2.53E+00	9.01E-01	9.01E-07
	Rabbitbrush	1234678-HpCDF	1	2	50	1.30E-01	3.88E-01	2.59E-01	1.83E-01	1.08E+00	3.88E-01	3.88E-07
	Rabbitbrush	123478-HxCDD	0	2	0	1.12E-01	2.15E-01	1.63E-01	7.25E-02	4.87E-01	2.15E-01	2.15E-07
	Rabbitbrush	123478-HxCDF	0	2	0	5.90E-02	1.01E-01	8.00E-02	2.97E-02	2.13E-01	1.01E-01	1.01E-07
	Rabbitbrush	1234789-HpCDF	0	2	0	1.05E-01	2.12E-01	1.59E-01	7.57E-02	4.96E-01	2.12E-01	2.12E-07
	Rabbitbrush	123678-HxCDD	0	2	0	9.35E-02	1.80E-01	1.37E-01	6.08E-02	4.08E-01	1.80E-01	1.80E-07
	Rabbitbrush	123678-HxCDF	0	2	0	4.70E-02	8.05E-02	6.38E-02	2.37E-02	1.70E-01	8.05E-02	8.05E-08
	Rabbitbrush	12378-PeCDD	0	2	0	1.35E-01	2.17E-01	1.76E-01	5.76E-02	4.33E-01	2.17E-01	2.17E-07
	Rabbitbrush	12378-PeCDF	0	2	0	6.20E-02	1.00E-01	8.10E-02	2.69E-02	2.01E-01	1.00E-01	1.00E-07
	Rabbitbrush	123789-HxCDD	0	2	0	1.02E-01	1.95E-01	1.48E-01	6.58E-02	4.42E-01	1.95E-01	1.95E-07
	Rabbitbrush	123789-HxCDF	0	2	0	6.30E-02	1.08E-01	8.55E-02	3.18E-02	2.28E-01	1.08E-01	1.08E-07
	Rabbitbrush	234678-HxCDF	0	2	0	5.65E-02	9.65E-02	7.65E-02	2.83E-02	2.03E-01	9.65E-02	9.65E-08
	Rabbitbrush	23478-PeCDF	0	2	0	6.00E-02	9.75E-02	7.83E-02	2.58E-02	1.93E-01	9.65E-02	9.65E-08
	Rabbitbrush	2378-TCDD	0	2	0	8.05E-02	9.75E-02	8.90E-02	1.20E-02	1.43E-01	9.75E-02	9.75E-08
	Rabbitbrush	2378-TCDF	1	2	50	5.90E-02	6.96E-01	3.78E-01	4.51E-01	2.39E+00	6.96E-01	6.96E-07
	Rabbitbrush	OCDD	1	2	50	7.08E-01	5.82E+00	3.26E+00	3.61E+00	1.94E+01	5.82E+00	5.82E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number T0 (cont.)	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
1	Rabbitbrush	OCDF	1	2	50	5.99E-01	9.72E-01	7.85E-01	2.64E-01	1.96E+00	9.72E-01	9.72E-07
	Rabbitbrush	TOTAL HpCDD	1	2	50	2.89E-01	1.72E+00	1.00E+00	1.01E+00	5.51E+00	1.72E+00	1.72E-06
	Rabbitbrush	TOTAL HpCDF	1	2	50	1.61E-01	3.88E-01	2.75E-01	1.61E-01	9.93E-01	3.88E-01	3.88E-07
	Rabbitbrush	TOTAL HxCDD	0	2	0	1.02E-01	1.95E-01	1.49E-01	6.58E-02	4.42E-01	1.95E-01	1.95E-07
	Rabbitbrush	TOTAL HxCDF	1	2	50	9.55E-02	1.73E-01	1.34E-01	5.50E-02	3.80E-01	1.73E-01	1.73E-07
	Rabbitbrush	TOTAL PeCDD	0	2	0	1.35E-01	2.17E-01	1.76E-01	5.76E-02	4.33E-01	2.17E-01	2.17E-07
	Rabbitbrush	TOTAL PeCDF	0	2	0	6.10E-02	9.80E-02	7.95E-02	2.62E-02	1.96E-01	9.80E-02	9.80E-08
	Rabbitbrush	TOTAL TCDD	0	2	0	8.05E-02	9.75E-02	8.90E-02	1.20E-02	1.43E-01	9.75E-02	9.75E-08
	Rabbitbrush	TOTAL TCDF	1	2	50	5.90E-02	1.15E+00	6.03E-01	7.69E-01	4.03E+00	1.15E+00	1.15E-06
	Gumweed	1234678-HpCDD	0	1	0	8.68E-01	8.68E-01	8.68E-01	NA ^(a)	NA	8.68E-01	8.68E-07
	Gumweed	1234678-HpCDF	0	1	0	4.27E-01	4.27E-01	4.27E-01	NA	NA	4.27E-01	4.27E-07
	Gumweed	123478-HxCDD	0	1	0	7.06E-01	7.06E-01	7.06E-01	NA	NA	7.06E-01	7.06E-07
	Gumweed	123478-HxCDF	0	1	0	3.80E-01	3.80E-01	3.80E-01	NA	NA	3.80E-01	3.80E-07
	Gumweed	1234789-HpCDD	0	1	0	7.00E-01	7.00E-01	7.00E-01	NA	NA	7.00E-01	7.00E-07
	Gumweed	123678-HxCDD	0	1	0	5.90E-01	5.90E-01	5.90E-01	NA	NA	5.90E-01	5.90E-07
	Gumweed	123678-HxCDF	0	1	0	3.03E-01	3.03E-01	3.03E-01	NA	NA	3.03E-01	3.03E-07
	Gumweed	12378-PeCDD	0	1	0	4.34E-01	4.34E-01	4.34E-01	NA	NA	4.34E-01	4.34E-07
	Gumweed	12378-PeCDF	0	1	0	2.42E-01	2.42E-01	2.42E-01	NA	NA	2.42E-01	2.42E-07
	Gumweed	123789-HxCDD	0	1	0	6.40E-01	6.40E-01	6.40E-01	NA	NA	6.40E-01	6.40E-07
	Gumweed	123789-HxCDF	0	1	0	4.06E-01	4.06E-01	4.06E-01	NA	NA	4.06E-01	4.06E-07
	Gumweed	234678-HxCDF	0	1	0	3.65E-01	3.65E-01	3.65E-01	NA	NA	3.65E-01	3.65E-07
	Gumweed	23478-PeCDF	0	1	0	2.33E-01	2.33E-01	2.33E-01	NA	NA	2.33E-01	2.33E-07
	Gumweed	2378-TCDD	0	1	0	2.96E-01	2.96E-01	2.96E-01	NA	NA	2.96E-01	2.96E-07
	Gumweed	2378-TCDF	0	1	0	2.23E-01	2.23E-01	2.23E-01	NA	NA	2.23E-01	2.23E-07
	Gumweed	OCDD	1	1	100	3.04E+00	3.04E+00	3.04E+00	NA	NA	3.04E+00	3.04E-06
	Gumweed	OCDF	0	1	0	1.04E+00	1.04E+00	1.04E+00	NA	NA	1.04E+00	1.04E-06
	Gumweed	TOTAL HpCDD	0	1	0	8.68E-01	8.68E-01	8.68E-01	NA	NA	8.68E-01	8.68E-07
	Gumweed	TOTAL HpCDF	0	1	0	5.31E-01	5.31E-01	5.31E-01	NA	NA	5.31E-01	5.31E-07
	Gumweed	TOTAL HxCDD	0	1	0	6.42E-01	6.42E-01	6.42E-01	NA	NA	6.42E-01	6.42E-07
	Gumweed	TOTAL HxCDF	0	1	0	3.59E-01	3.59E-01	3.59E-01	NA	NA	3.59E-01	3.59E-07
	Gumweed	TOTAL PeCDD	0	1	0	4.34E-01	4.34E-01	4.34E-01	NA	NA	4.34E-01	4.34E-07
	Gumweed	TOTAL PeCDF	0	1	0	2.37E-01	2.37E-01	2.37E-01	NA	NA	2.37E-01	2.37E-07
	Gumweed	TOTAL TCDD	0	1	0	2.96E-01	2.96E-01	2.96E-01	NA	NA	2.96E-01	2.96E-07
	Gumweed	TOTAL TCDF	0	1	0	2.23E-01	2.23E-01	2.23E-01	NA	NA	2.23E-01	2.23E-07
	Rabbitbrush	1234678-HpCDD	0	1	0	2.36E-01	2.36E-01	2.36E-01	NA	NA	2.36E-01	2.36E-07
	Rabbitbrush	1234678-HpCDF	1	1	100	8.31E-01	8.31E-01	8.31E-01	NA	NA	8.31E-01	8.31E-07
	Rabbitbrush	123478-HxCDD	0	1	0	1.92E-01	1.92E-01	1.92E-01	NA	NA	1.92E-01	1.92E-07
	Rabbitbrush	123478-HxCDF	0	1	0	9.65E-02	9.65E-02	9.65E-02	NA	NA	9.65E-02	9.65E-08
	Rabbitbrush	1234789-HpCDF	0	1	0	1.90E-01	1.90E-01	1.90E-01	NA	NA	1.90E-01	1.90E-07
	Rabbitbrush	123678-HxCDD	0	1	0	1.61E-01	1.61E-01	1.61E-01	NA	NA	1.61E-01	1.61E-07
	Rabbitbrush	123678-HxCDF	0	1	0	7.70E-02	7.70E-02	7.70E-02	NA	NA	7.70E-02	7.70E-08

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Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- mg/kg	Cterm- mg/kg
11 (cont.)	Rabbitbrush	12378-PeCDD	0	1	0	2.44E-01	2.44E-01	2.44E-01	NA	NA	2.44E-01	2.44E-07
	Rabbitbrush	12378-PeCDF	0	1	0	1.33E-01	1.33E-01	1.33E-01	NA	NA	1.33E-01	1.33E-07
	Rabbitbrush	123789-HxCDD	0	1	0	1.74E-01	1.74E-01	1.74E-01	NA	NA	1.74E-01	1.74E-07
	Rabbitbrush	123789-HxCDF	0	1	0	1.03E-01	1.03E-01	1.03E-01	NA	NA	1.03E-01	1.03E-07
	Rabbitbrush	234678-HxCDF	1	1	100	4.08E-01	4.08E-01	4.08E-01	NA	NA	4.08E-01	4.08E-07
	Rabbitbrush	23478-PeCDF	0	1	0	1.29E-01	1.29E-01	1.29E-01	NA	NA	1.29E-01	1.29E-07
	Rabbitbrush	2378-TCDD	0	1	0	1.12E-01	1.12E-01	1.12E-01	NA	NA	1.12E-01	1.12E-07
	Rabbitbrush	2378-TCDF	0	1	0	7.95E-02	7.95E-02	7.95E-02	NA	NA	7.95E-02	7.95E-08
	Rabbitbrush	OCDD	1	1	100	2.30E+00	2.30E+00	2.30E+00	NA	NA	2.30E+00	2.30E-06
	Rabbitbrush	OCDF	0	1	0	2.03E+00	2.03E+00	2.03E+00	NA	NA	2.03E+00	2.03E-06
	Rabbitbrush	TOTAL HpCDD	0	1	0	2.36E-01	2.36E-01	2.36E-01	NA	NA	2.36E-01	2.36E-07
	Rabbitbrush	TOTAL HpCDF	1	1	100	8.31E-01	8.31E-01	8.31E-01	NA	NA	8.31E-01	8.31E-07
	Rabbitbrush	TOTAL HxCDD	0	1	0	1.75E-01	1.75E-01	1.75E-01	NA	NA	1.75E-01	1.75E-07
	Rabbitbrush	TOTAL HxCDF	1	1	100	9.66E-01	9.66E-01	9.66E-01	NA	NA	9.66E-01	9.66E-07
	Rabbitbrush	TOTAL PeCDD	0	1	0	2.44E-01	2.44E-01	2.44E-01	NA	NA	2.44E-01	2.44E-07
	Rabbitbrush	TOTAL PeCDF	1	1	100	5.50E+00	5.50E+00	5.50E+00	NA	NA	5.50E+00	5.50E-06
	Rabbitbrush	TOTAL TCDD	0	1	0	1.12E-01	1.12E-01	1.12E-01	NA	NA	1.12E-01	1.12E-07
	Rabbitbrush	TOTAL TCDF	1	1	100	9.41E+00	9.41E+00	9.41E+00	NA	NA	9.41E+00	9.41E-06
	Rabbitbrush	1234678-HpCDD	0	1	0	2.79E-01	2.79E-01	2.79E-01	NA	NA	2.79E-01	2.79E-07
	Rabbitbrush	1234678-HpCDF	0	1	0	1.21E-01	1.21E-01	1.21E-01	NA	NA	1.21E-01	1.21E-07
	Rabbitbrush	123478-HxCDD	0	1	0	2.04E-01	2.04E-01	2.04E-01	NA	NA	2.04E-01	2.04E-07
	Rabbitbrush	123478-HxCDF	0	1	0	9.60E-02	9.60E-02	9.60E-02	NA	NA	9.60E-02	9.60E-08
	Rabbitbrush	1234789-HpCDF	0	1	0	1.98E-01	1.98E-01	1.98E-01	NA	NA	1.98E-01	1.98E-07
	Rabbitbrush	123678-HxCDD	0	1	0	1.71E-01	1.71E-01	1.71E-01	NA	NA	1.71E-01	1.71E-07
	Rabbitbrush	123678-HxCDF	0	1	0	7.65E-02	7.65E-02	7.65E-02	NA	NA	7.65E-02	7.65E-08
	Rabbitbrush	12378-PeCDD	0	1	0	1.86E-01	1.86E-01	1.86E-01	NA	NA	1.86E-01	1.86E-07
	Rabbitbrush	12378-PeCDF	0	1	0	9.65E-02	9.65E-02	9.65E-02	NA	NA	9.65E-02	9.65E-08
	Rabbitbrush	123789-HxCDD	0	1	0	1.85E-01	1.85E-01	1.85E-01	NA	NA	1.85E-01	1.85E-07
	Rabbitbrush	123789-HxCDF	0	1	0	1.03E-01	1.03E-01	1.03E-01	NA	NA	1.03E-01	1.03E-07
	Rabbitbrush	234678-HxCDF	0	1	0	9.20E-02	9.20E-02	9.20E-02	NA	NA	9.20E-02	9.20E-08
	Rabbitbrush	23478-PeCDF	0	1	0	9.30E-02	9.30E-02	9.30E-02	NA	NA	9.30E-02	9.30E-08
	Rabbitbrush	2378-TCDD	0	1	0	8.50E-02	8.50E-02	8.50E-02	NA	NA	8.50E-02	8.50E-08
	Rabbitbrush	2378-TCDF	0	1	0	5.45E-02	5.45E-02	5.45E-02	NA	NA	5.45E-02	5.45E-08
	Rabbitbrush	OCDD	1	1	100	1.86E+00	1.86E+00	1.86E+00	NA	NA	1.86E+00	1.86E-06
	Rabbitbrush	OCDF	0	1	0	5.33E-01	5.33E-01	5.33E-01	NA	NA	5.33E-01	5.33E-07
	Rabbitbrush	TOTAL HpCDD	0	1	0	2.79E-01	2.79E-01	2.79E-01	NA	NA	2.79E-01	2.79E-07
	Rabbitbrush	TOTAL HpCDF	0	1	0	1.50E-01	1.50E-01	1.50E-01	NA	NA	1.50E-01	1.50E-07
	Rabbitbrush	TOTAL HxCDD	0	1	0	1.85E-01	1.85E-01	1.85E-01	NA	NA	1.85E-01	1.85E-07
	Rabbitbrush	TOTAL HxCDF	0	1	0	9.05E-02	9.05E-02	9.05E-02	NA	NA	9.05E-02	9.05E-08
	Rabbitbrush	TOTAL PeCDD	0	1	0	1.86E-01	1.86E-01	1.86E-01	NA	NA	1.86E-01	1.86E-07
	Rabbitbrush	TOTAL PeCDF	0	1	0	9.45E-02	9.45E-02	9.45E-02	NA	NA	9.45E-02	9.45E-08

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
12 (cont.)	Rabbitbrush	TOTAL TCDD	0	1	0	8.50E-02	8.50E-02	8.50E-02	NA	NA	8.50E-02	8.50E-08
	Rabbitbrush	TOTAL TCDF	0	1	0	5.45E-02	5.45E-02	5.45E-02	NA	NA	5.45E-02	5.45E-08
	Sweetclover	1234678-HpCDD	0	1	0	2.87E-01	2.87E-01	2.87E-01	NA	NA	2.87E-01	2.87E-07
	Sweetclover	1234678-HpCDF	0	1	0	1.29E-01	1.29E-01	1.29E-01	NA	NA	1.29E-01	1.29E-07
	Sweetclover	123478-HxCDD	0	1	0	2.05E-01	2.05E-01	2.05E-01	NA	NA	2.05E-01	2.05E-07
	Sweetclover	123478-HxCDF	0	1	0	1.07E-01	1.07E-01	1.07E-01	NA	NA	1.07E-01	1.07E-07
	Sweetclover	1234789-HpCDD	0	1	0	2.12E-01	2.12E-01	2.12E-01	NA	NA	2.12E-01	2.12E-07
	Sweetclover	123678-HxCDD	0	1	0	1.71E-01	1.71E-01	1.71E-01	NA	NA	1.71E-01	1.71E-07
	Sweetclover	12378-PeCDD	0	1	0	8.50E-02	8.50E-02	8.50E-02	NA	NA	8.50E-02	8.50E-08
	Sweetclover	12378-PeCDF	0	1	0	1.18E-01	1.18E-01	1.18E-01	NA	NA	1.18E-01	1.18E-07
	Sweetclover	123789-HxCDD	0	1	0	6.90E-02	6.90E-02	6.90E-02	NA	NA	6.90E-02	6.90E-08
	Sweetclover	123789-HxCDF	0	1	0	1.86E-01	1.86E-01	1.86E-01	NA	NA	1.86E-01	1.86E-07
	Sweetclover	234678-HxCDF	0	1	0	1.14E-01	1.14E-01	1.14E-01	NA	NA	1.14E-01	1.14E-07
	Sweetclover	23478-PeCDF	0	1	0	1.02E-01	1.02E-01	1.02E-01	NA	NA	1.02E-01	1.02E-07
	Sweetclover	2378-TCDD	0	1	0	6.65E-02	6.65E-02	6.65E-02	NA	NA	6.65E-02	6.65E-08
	Sweetclover	2378-TCDF	0	1	0	6.95E-02	6.95E-02	6.95E-02	NA	NA	6.95E-02	6.95E-08
	Sweetclover	OCDD	1	1	100	4.01E-01	4.01E-01	4.01E-01	NA	NA	4.01E-01	4.01E-07
	Sweetclover	OCDF	0	1	0	4.13E+00	4.13E+00	4.13E+00	NA	NA	4.13E+00	4.13E-06
	Sweetclover	TOTAL HpCDD	0	1	0	3.60E-01	3.60E-01	3.60E-01	NA	NA	3.60E-01	3.60E-07
	Sweetclover	TOTAL HpCDF	0	1	0	2.87E-01	2.87E-01	2.87E-01	NA	NA	2.87E-01	2.87E-07
	Sweetclover	TOTAL HxCDD	0	1	0	1.61E-01	1.61E-01	1.61E-01	NA	NA	1.61E-01	1.61E-07
	Sweetclover	TOTAL HxCDF	0	1	0	1.86E-01	1.86E-01	1.86E-01	NA	NA	1.86E-01	1.86E-07
	Sweetclover	TOTAL PeCDD	0	1	0	1.01E-01	1.01E-01	1.01E-01	NA	NA	1.01E-01	1.01E-07
	Sweetclover	TOTAL PeCDF	1	1	100	1.18E-01	1.18E-01	1.18E-01	NA	NA	1.18E-01	1.18E-07
	Sweetclover	TOTAL TCDD	1	1	100	4.84E-01	4.84E-01	4.84E-01	NA	NA	4.84E-01	4.84E-07
	Sweetclover	TOTAL TCDF	0	1	0	6.95E-02	6.95E-02	6.95E-02	NA	NA	6.95E-02	6.95E-08
	Gumweed	1234678-HpCDD	1	1	100	8.02E-01	8.02E-01	8.02E-01	NA	NA	8.02E-01	8.02E-07
	Gumweed	1234678-HpCDF	1	1	100	3.36E+00	3.36E+00	3.36E+00	NA	NA	3.36E+00	3.36E-06
	Gumweed	123478-HxCDD	0	1	0	1.01E+00	1.01E+00	1.01E+00	NA	NA	1.01E+00	1.01E-06
	Gumweed	123478-HxCDF	0	1	0	8.80E-02	8.80E-02	8.80E-02	NA	NA	8.80E-02	8.80E-08
	Gumweed	1234789-HpCDD	0	1	0	4.70E-02	4.70E-02	4.70E-02	NA	NA	4.70E-02	4.70E-08
	Gumweed	123678-HxCDD	1	1	100	7.50E-02	7.50E-02	7.50E-02	NA	NA	7.50E-02	7.50E-08
	Gumweed	123678-HxCDF	1	1	100	3.10E-01	3.10E-01	3.10E-01	NA	NA	3.10E-01	3.10E-07
	Gumweed	12378-PeCDD	0	1	0	8.92E-02	8.92E-02	8.92E-02	NA	NA	8.92E-02	8.92E-08
	Gumweed	12378-PeCDF	0	1	0	7.40E-02	7.40E-02	7.40E-02	NA	NA	7.40E-02	7.40E-08
	Gumweed	123789-HxCDD	1	1	100	3.95E-02	3.95E-02	3.95E-02	NA	NA	3.95E-02	3.95E-08
	Gumweed	234678-HxCDF	0	1	0	2.17E-01	2.17E-01	2.17E-01	NA	NA	2.17E-01	2.17E-07
	Gumweed	23478-PeCDD	0	1	0	5.00E-02	5.00E-02	5.00E-02	NA	NA	5.00E-02	5.00E-08
	Gumweed	2378-TCDD	0	1	0	1.84E-01	1.84E-01	1.84E-01	NA	NA	1.84E-01	1.84E-07
	Gumweed		0	1	0	3.80E-02	3.80E-02	3.80E-02	NA	NA	3.80E-02	3.80E-08
	Gumweed		0	1	0	4.55E-02	4.55E-02	4.55E-02	NA	NA	4.55E-02	4.55E-08

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
15 (cont.)	Gumweed	2378-TCDF	0	1	0	1.95E-01	1.95E-01	1.95E-01	NA	NA	1.95E-01	1.95E-07
	Gumweed	OCDD	1	1	100	1.33E+01	1.33E+01	1.33E+01	NA	NA	1.33E+01	1.33E-05
	Gumweed	OCDF	1	1	100	1.73E+00	1.73E+00	1.73E+00	NA	NA	1.73E+00	1.73E-06
	Gumweed	TOTAL HpCDD	1	1	100	5.08E+00	5.08E+00	5.08E+00	NA	NA	5.08E+00	5.08E-06
	Gumweed	TOTAL HpCDF	1	1	100	1.43E+00	1.43E+00	1.43E+00	NA	NA	1.43E+00	1.43E-06
	Gumweed	TOTAL HxCDD	1	1	100	1.52E+00	1.52E+00	1.52E+00	NA	NA	1.52E+00	1.52E-06
	Gumweed	TOTAL HxCDF	1	1	100	1.10E+00	1.10E+00	1.10E+00	NA	NA	1.10E+00	1.10E-06
	Gumweed	TOTAL PeCDD	0	1	0	7.40E-02	7.40E-02	7.40E-02	NA	NA	7.40E-02	7.40E-08
	Gumweed	TOTAL PeCDF	1	1	100	5.21E-01	5.21E-01	5.21E-01	NA	NA	5.21E-01	5.21E-07
	Gumweed	TOTAL TCDD	1	1	100	1.30E-01	1.30E-01	1.30E-01	NA	NA	1.30E-01	1.30E-07
	Gumweed	TOTAL TCDF	1	1	100	5.53E-01	5.53E-01	5.53E-01	NA	NA	5.53E-01	5.53E-07
	Rabbitbrush	1234678-HpCDD	1	3	33	1.08E-01	9.48E+00	3.32E+00	5.34E+00	1.23E+01	9.48E+00	9.48E-06
	Rabbitbrush	1234678-HpCDF	2	3	67	1.53E-01	1.80E+00	7.96E-01	8.81E-01	2.28E+00	1.80E+00	1.80E-06
	Rabbitbrush	123478-HxCDD	0	3	0	9.20E-02	2.48E-01	1.83E-01	8.12E-02	3.20E-01	2.48E-01	2.48E-07
	Rabbitbrush	123478-HxCDF	0	3	0	4.53E-02	1.21E-01	9.07E-02	3.99E-02	1.58E-01	1.21E-01	1.21E-07
	Rabbitbrush	1234789-HpCDD	0	3	0	8.15E-02	2.50E-01	1.80E-01	8.76E-02	3.28E-01	2.50E-01	2.50E-07
	Rabbitbrush	123678-HxCDD	0	3	0	7.70E-02	2.08E-01	1.53E-01	6.79E-02	2.68E-01	2.08E-01	2.08E-07
	Rabbitbrush	123678-HxCDF	0	3	0	3.60E-02	9.65E-02	7.22E-02	3.19E-02	1.26E-01	9.65E-02	9.65E-08
	Rabbitbrush	12378-PeCDD	0	3	0	1.10E-01	2.67E-01	2.07E-01	8.53E-02	3.51E-01	2.67E-01	2.67E-07
	Rabbitbrush	12378-PeCDF	0	3	0	5.80E-02	1.44E-01	1.06E-01	4.36E-02	1.79E-01	1.44E-01	1.44E-07
	Rabbitbrush	123789-HxCDD	1	3	33	8.33E-02	8.31E-01	3.80E-01	3.97E-01	1.05E+00	8.31E-01	8.31E-07
	Rabbitbrush	123789-HxCDF	0	3	0	4.85E-02	1.30E-01	9.72E-02	4.30E-02	1.70E-01	1.30E-01	1.30E-07
	Rabbitbrush	234678-HxCDF	1	3	33	4.35E-02	4.10E-01	1.90E-01	1.94E-01	5.17E-01	4.10E-01	4.10E-07
	Rabbitbrush	23478-PeCDF	0	3	0	5.60E-02	1.39E-01	1.02E-01	4.21E-02	1.73E-01	1.39E-01	1.39E-07
	Rabbitbrush	2378-TCDD	0	3	0	5.60E-02	1.09E-01	8.37E-02	2.64E-02	1.28E-01	1.09E-01	1.09E-07
	Rabbitbrush	2378-TCDF	1	3	33	3.80E-02	4.14E-01	1.76E-01	2.07E-01	5.25E-01	4.14E-01	4.14E-07
	Rabbitbrush	OCDD	1	3	33	2.30E-01	7.92E+01	2.68E+01	4.53E+01	1.03E+02	7.92E+01	7.92E-05
	Rabbitbrush	OCDF	2	3	67	8.37E-01	6.79E+00	3.01E+00	3.28E+00	8.55E+00	6.79E+00	6.79E-06
	Rabbitbrush	TOTAL HpCDD	1	3	33	3.62E-01	4.74E+00	1.91E+00	2.45E+00	6.05E+00	4.74E+00	4.74E-06
	Rabbitbrush	TOTAL HpCDF	2	3	67	1.89E-01	3.90E+00	1.51E+00	2.08E+00	5.01E+00	3.90E+00	3.90E-06
	Rabbitbrush	TOTAL HxCDD	2	3	67	2.26E-01	7.00E+00	2.49E+00	3.91E+00	9.07E+00	7.00E+00	7.00E-06
	Rabbitbrush	TOTAL HxCDF	1	3	33	4.30E-02	2.25E+00	8.03E-01	1.25E+00	2.92E+00	2.25E+00	2.25E-06
	Rabbitbrush	TOTAL PeCDD	0	3	0	1.10E-01	2.67E-01	2.07E-01	8.53E-02	3.51E-01	2.67E-01	2.67E-07
	Rabbitbrush	TOTAL PeCDF	1	3	33	5.70E-02	5.93E-01	2.64E-01	2.88E-01	7.49E-01	5.93E-01	5.93E-07
	Rabbitbrush	TOTAL TCDD	1	3	33	8.65E-02	1.63E-01	1.19E-01	3.93E-02	1.85E-01	1.63E-01	1.63E-07
	Rabbitbrush	TOTAL TCDF	2	3	67	7.70E-02	1.86E+00	6.94E-01	1.01E+00	2.39E+00	1.86E+00	1.86E-06
	Sweetclover	1234678-HpCDD	1	2	50	5.31E-01	1.23E+00	8.82E-01	4.96E-01	3.10E+00	1.23E+00	1.23E-06
	Sweetclover	1234678-HpCDF	0	2	0	8.45E-02	2.87E-01	1.86E-01	1.43E-01	8.26E-01	2.87E-01	2.87E-07
	Sweetclover	123478-HxCDD	0	2	0	1.39E-01	3.66E-01	2.53E-01	1.61E-01	9.69E-01	3.66E-01	3.66E-07
	Sweetclover	123478-HxCDF	0	2	0	7.40E-02	1.84E-01	1.29E-01	7.74E-02	4.74E-01	1.84E-01	1.84E-07
	Sweetclover	1234789-HpCDF	0	2	0	1.38E-01	4.02E-01	2.70E-01	1.87E-01	1.10E+00	4.02E-01	4.02E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
15 (cont.)	Sweetclover	123678-HxCDD	0	2	0	1.16E-01	3.06E-01	2.11E-01	1.34E-01	8.11E-01	3.06E-01	3.06E-07
	Sweetclover	123678-HxCDF	0	2	0	5.90E-02	1.47E-01	1.03E-01	6.19E-02	3.79E-01	1.47E-01	1.47E-07
	Sweetclover	12378-PeCDD	0	2	0	9.35E-02	2.15E-01	1.54E-01	8.59E-02	5.38E-01	2.15E-01	2.15E-07
	Sweetclover	12378-PeCDF	0	2	0	5.40E-02	1.19E-01	8.65E-02	4.60E-02	2.92E-01	1.19E-01	1.19E-07
	Sweetclover	123789-HxCDD	0	2	0	1.26E-01	3.32E-01	2.29E-01	1.45E-01	8.78E-01	3.32E-01	3.32E-07
	Sweetclover	123789-HxCDF	0	2	0	7.90E-02	1.97E-01	1.38E-01	8.31E-02	5.09E-01	1.97E-01	1.97E-07
	Sweetclover	234678-HxCDF	0	2	0	7.10E-02	1.76E-01	1.24E-01	7.42E-02	4.55E-01	1.76E-01	1.76E-07
	Sweetclover	2378-TCDD	0	2	0	5.20E-02	1.15E-01	8.35E-02	4.45E-02	2.82E-01	1.15E-01	1.15E-07
	Sweetclover	2378-TCDF	0	2	0	6.25E-02	1.17E-01	8.98E-02	3.85E-02	2.62E-01	1.17E-01	1.17E-07
	Sweetclover	OCDD	2	2	100	5.30E-02	9.40E-02	7.35E-02	2.90E-02	2.03E-01	9.40E-02	9.40E-08
	Sweetclover	OCDF	2	2	100	9.90E+00	2.00E+01	1.49E+01	7.12E+00	4.68E+01	2.00E+01	2.00E-05
	Sweetclover	TOTAL HpCDD	0	2	0	2.13E-01	7.26E-01	4.69E-01	3.63E-01	2.09E+00	7.26E-01	7.26E-07
	Sweetclover	TOTAL HpCDF	2	2	100	2.59E+00	2.97E+00	2.78E+00	2.66E-01	3.97E+00	2.97E+00	2.97E-06
	Sweetclover	TOTAL HxCDD	0	2	0	5.60E-01	1.22E+00	8.89E-01	4.65E-01	2.97E+00	1.22E+00	1.22E-06
	Sweetclover	TOTAL HxCDF	0	2	0	1.26E-01	3.33E-01	2.29E-01	1.46E-01	8.81E-01	3.33E-01	3.33E-07
	Sweetclover	TOTAL PeCDD	0	2	0	7.00E-02	1.74E-01	1.22E-01	7.32E-02	4.49E-01	1.74E-01	1.74E-07
	Sweetclover	TOTAL PeCDF	0	2	0	9.35E-02	2.15E-01	1.54E-01	8.59E-02	5.38E-01	2.15E-01	2.15E-07
	Sweetclover	TOTAL TCDD	1	2	50	1.17E-01	1.77E-01	1.47E-01	4.24E-02	3.36E-01	1.77E-01	1.77E-07
	Sweetclover	TOTAL TCDF	0	2	0	6.25E-02	1.17E-01	8.98E-02	3.85E-02	2.62E-01	1.17E-01	1.17E-07
1b	Gumweed	1234678-HpCDD	0	2	0	5.30E-02	9.40E-02	7.35E-02	2.90E-02	2.03E-01	9.40E-02	9.40E-08
	Gumweed	1234678-HpCDF	1	2	50	5.50E-02	6.07E+00	3.06E+00	4.25E+00	2.21E+01	6.07E+00	6.07E-06
	Gumweed	123478-HxCDD	0	2	0	2.45E-01	5.42E-01	3.93E-01	2.10E-01	1.33E+00	5.42E-01	5.42E-07
	Gumweed	123478-HxCDF	0	2	0	5.40E-02	4.02E-01	2.28E-01	1.37E-01	7.37E-01	4.02E-01	4.02E-07
	Gumweed	1234789-HpCDF	0	2	0	2.95E-02	2.23E-01	1.26E-01	1.37E-01	7.37E-01	2.23E-01	2.23E-07
	Gumweed	123678-HxCDD	0	2	0	4.85E-02	4.01E-01	2.25E-01	2.49E-01	1.34E+00	4.01E-01	4.01E-07
	Gumweed	123678-HxCDF	0	2	0	4.50E-02	3.36E-01	1.90E-01	2.05E-01	1.11E+00	3.36E-01	3.36E-07
	Gumweed	12378-PeCDD	0	2	0	2.35E-02	1.78E-01	1.01E-01	1.09E-01	5.89E-01	1.78E-01	1.78E-07
	Gumweed	12378-PeCDF	0	2	0	3.95E-02	2.57E-01	1.48E-01	1.53E-01	8.33E-01	2.57E-01	2.57E-07
	Gumweed	123789-HxCDD	0	2	0	2.10E-02	1.38E-01	7.95E-02	8.27E-02	4.49E-01	1.38E-01	1.38E-07
	Gumweed	123789-HxCDF	0	2	0	4.90E-02	3.64E-01	2.07E-01	2.23E-01	1.20E+00	3.64E-01	3.64E-07
	Gumweed	234678-HxCDF	0	2	0	3.15E-02	2.39E-01	1.35E-01	1.47E-01	7.90E-01	2.39E-01	2.39E-07
	Gumweed	23478-PeCDF	0	2	0	2.80E-02	2.14E-01	1.21E-01	1.32E-01	7.08E-01	2.14E-01	2.14E-07
	Gumweed	2378-TCDD	0	2	0	2.00E-02	1.33E-01	7.65E-02	7.99E-02	4.33E-01	1.33E-01	1.33E-07
	Gumweed	2378-TCDF	0	2	0	2.55E-02	1.71E-01	9.83E-02	1.03E-01	5.58E-01	1.71E-01	1.71E-07
	Gumweed	OCDD	0	2	0	1.39E-01	2.23E-01	1.81E-01	5.99E-02	4.48E-01	2.23E-01	2.23E-07
	Gumweed	OCDF	1	2	50	6.51E-01	4.98E+00	2.81E+00	3.06E+00	1.65E+01	4.98E+00	4.98E-06
	Gumweed	TOTAL HpCDD	2	2	100	1.48E+00	2.41E+00	1.94E+00	6.63E-01	4.90E+00	2.41E+00	2.41E-06
	Gumweed	TOTAL HpCDF	1	2	50	7.44E-01	1.28E+01	6.80E+00	8.56E+00	4.50E+01	1.28E+01	1.28E-05
	Gumweed	TOTAL HxCDD	2	2	100	3.04E-01	7.44E-01	5.24E-01	3.11E-01	1.91E+00	7.44E-01	7.44E-07
	Gumweed	TOTAL HxCDF	2	2	100	3.71E-01	5.55E+00	2.96E+00	3.66E+00	1.93E+01	5.55E+00	5.55E-06
	Gumweed	TOTAL PeCDD	1	2	50	2.11E-01	2.19E-01	2.15E-01	5.44E-03	2.39E-01	2.19E-01	2.19E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
1b (cont.)	Gumweed	TOTAL PeCDD	0	2	0	3.95E-02	2.57E-01	1.48E-01	1.53E-01	8.33E-01	2.57E-01	2.57E-07
	Gumweed	TOTAL PeCDF	0	2	0	2.05E-02	1.36E-01	7.80E-02	8.13E-02	4.41E-01	1.36E-01	1.36E-07
	Gumweed	TOTAL TCDD	1	2	50	1.71E-01	1.73E-01	1.72E-01	1.20E-03	1.77E-01	1.73E-01	1.73E-07
	Gumweed	TOTAL TCDF	1	2	50	1.39E-01	8.50E-01	4.94E-01	5.03E-01	2.74E+00	8.50E-01	8.50E-07
	Rabbitbrush	1234678-HpCDD	1	2	50	1.55E-01	8.98E-01	5.26E-01	5.26E-01	2.87E+00	8.98E-01	8.98E-07
	Rabbitbrush	1234678-HpCDF	0	2	0	6.25E-02	6.85E-02	6.55E-02	4.24E-03	8.44E-02	6.85E-02	6.85E-08
	Rabbitbrush	123478-HxCDD	0	2	0	8.40E-02	1.03E-01	9.35E-02	1.34E-02	1.53E-01	1.03E-01	1.03E-07
	Rabbitbrush	123478-HxCDF	0	2	0	5.15E-02	5.35E-02	5.25E-02	1.41E-03	5.88E-02	5.35E-02	5.35E-08
	Rabbitbrush	1234789-HpCDF	0	2	0	9.65E-02	1.13E-01	1.05E-01	1.13E-02	1.55E-01	1.13E-01	1.13E-07
	Rabbitbrush	123678-HxCDD	0	2	0	6.90E-02	8.63E-02	7.78E-02	1.24E-02	1.33E-01	8.65E-02	8.65E-08
	Rabbitbrush	123678-HxCDF	0	2	0	4.10E-02	4.10E-02	4.05E-02	7.07E-04	4.37E-02	4.10E-02	4.10E-08
	Rabbitbrush	12378-PeCDD	0	2	0	6.60E-02	6.95E-02	6.78E-02	2.47E-03	7.88E-02	6.95E-02	6.95E-08
	Rabbitbrush	12378-PeCDF	0	2	0	3.75E-02	4.20E-02	3.98E-02	3.18E-03	5.40E-02	4.20E-02	4.20E-08
	Rabbitbrush	123789-HxCDD	0	2	0	6.05E-02	9.35E-02	7.70E-02	2.33E-02	1.81E-01	9.35E-02	9.35E-08
	Rabbitbrush	123789-HxCDF	0	2	0	5.40E-02	5.50E-02	5.45E-02	7.07E-04	5.77E-02	5.50E-02	5.50E-08
	Rabbitbrush	234678-HxCDF	0	2	0	4.95E-02	5.05E-02	5.00E-02	7.07E-04	5.32E-02	5.05E-02	5.05E-08
	Rabbitbrush	23478-PeCDF	0	2	0	3.65E-02	4.25E-02	3.95E-02	4.24E-03	5.84E-02	4.25E-02	4.25E-08
	Rabbitbrush	2378-TCDD	0	2	0	3.55E-02	3.65E-02	3.60E-02	7.11E-04	3.92E-02	3.65E-02	3.65E-08
	Rabbitbrush	2378-TCDF	0	2	0	2.95E-02	3.00E-02	2.98E-02	3.54E-04	3.13E-02	3.00E-02	3.00E-08
	Rabbitbrush	OCDD	0	2	0	2.54E-01	1.70E+00	9.75E-01	1.02E+00	5.53E+00	1.70E+00	1.70E-06
	Rabbitbrush	OCDF	0	2	0	1.70E-01	2.15E-01	1.93E-01	3.18E-02	3.35E-01	2.15E-01	2.15E-07
	Rabbitbrush	TOTAL HpCDD	1	2	50	1.55E-01	1.76E+00	9.58E-01	1.14E+00	6.03E+00	1.76E+00	1.76E-06
	Rabbitbrush	TOTAL HpCDF	0	2	0	7.60E-02	8.50E-02	8.05E-02	6.36E-03	1.09E-01	8.50E-02	8.50E-08
	Rabbitbrush	TOTAL HxCDD	1	2	50	9.40E-02	1.99E-01	1.47E-01	7.43E-02	4.78E-01	1.99E-01	1.99E-07
	Rabbitbrush	TOTAL HxCDF	0	2	0	4.85E-02	4.90E-02	4.88E-02	3.54E-04	5.03E-02	4.90E-02	4.90E-08
	Rabbitbrush	TOTAL PeCDD	0	2	0	6.60E-02	6.95E-02	6.78E-02	2.47E-03	7.88E-02	6.95E-02	6.95E-08
	Rabbitbrush	TOTAL PeCDF	0	2	0	3.70E-02	4.25E-02	3.98E-02	3.89E-03	5.71E-02	4.25E-02	4.25E-08
	Rabbitbrush	TOTAL TCDD	0	2	0	3.55E-02	3.65E-02	3.60E-02	7.11E-04	3.92E-02	3.65E-02	3.65E-08
	Rabbitbrush	TOTAL TCDF	1	2	50	2.95E-02	5.71E-01	3.00E-01	3.83E-01	2.01E+00	5.71E-01	5.71E-07
1c	Gumweed	1234678-HpCDD	0	2	0	5.17E-01	7.38E-01	6.28E-01	1.56E-01	1.33E+00	7.38E-01	7.38E-07
	Gumweed	1234678-HpCDF	1	2	50	2.61E-01	1.00E+01	5.15E+00	6.91E+00	3.60E+01	1.00E+01	1.00E-05
	Gumweed	123478-HxCDD	0	2	0	4.08E-01	5.95E-01	5.01E-01	1.32E-01	1.09E+00	5.95E-01	5.95E-07
	Gumweed	123478-HxCDF	1	2	50	2.05E-01	2.03E+00	1.12E+00	1.29E+00	6.89E+00	2.03E+00	2.03E-06
	Gumweed	1234789-HpCDF	0	2	0	4.28E-01	6.01E-01	5.14E-01	1.22E-01	1.06E+00	6.01E-01	6.01E-07
	Gumweed	123678-HxCDD	0	2	0	3.41E-01	4.98E-01	4.19E-01	1.11E-01	9.13E-01	4.98E-01	4.98E-07
	Gumweed	123678-HxCDF	0	2	0	1.64E-01	2.68E-01	2.16E-01	7.35E-02	5.44E-01	2.68E-01	2.68E-07
	Gumweed	12378-PeCDD	0	2	0	2.51E-01	4.05E-01	3.28E-01	1.09E-01	8.14E-01	4.05E-01	4.05E-07
	Gumweed	12378-PeCDF	0	2	0	1.37E-01	2.60E-01	1.98E-01	8.66E-02	5.85E-01	2.60E-01	2.60E-07
	Gumweed	123789-HxCDD	0	2	0	3.70E-01	5.39E-01	4.54E-01	1.20E-01	9.89E-01	5.39E-01	5.39E-07
	Gumweed	123789-HxCDF	0	2	0	2.20E-01	3.60E-01	2.90E-01	9.90E-02	7.32E-01	3.60E-01	3.60E-07
	Gumweed	234678-HxCDF	0	2	0	2.80E-01	3.22E-01	3.01E-01	2.99E-02	4.34E-01	3.22E-01	3.22E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
1c (cont.)	Gumweed	23478-PeCDF	0	2	0	1.33E-01	2.51E-01	1.92E-01	8.34E-02	5.64E-01	2.51E-01	2.51E-07
	Gumweed	2378-TCDD	0	2	0	1.69E-01	2.72E-01	2.20E-01	7.32E-02	5.47E-01	2.72E-01	2.72E-07
	Gumweed	2378-TCDF	0	2	0	1.31E-01	2.16E-01	1.74E-01	6.01E-02	4.42E-01	2.16E-01	2.16E-07
	Gumweed	OCDD	1	2	50	8.17E-01	4.11E+00	2.46E+00	2.33E+00	1.28E-01	4.11E+00	4.11E-06
	Gumweed	OCDF	1	2	50	6.92E-01	1.87E+01	9.71E+00	1.28E+01	6.66E+01	1.87E+01	1.87E-05
	Gumweed	TOTAL HpCDD	0	2	0	5.17E-01	7.38E-01	6.28E-01	1.56E-01	1.33E+00	7.38E-01	7.38E-07
	Gumweed	TOTAL HpCDF	1	2	50	3.23E-01	1.00E+01	5.18E+00	6.86E+00	3.58E+01	1.00E+01	1.00E-05
	Gumweed	TOTAL HxCDD	0	2	0	3.71E-01	5.41E-01	4.56E-01	1.20E-01	9.93E-01	5.41E-01	5.41E-07
	Gumweed	TOTAL HxCDF	2	2	100	5.60E-01	3.65E+00	2.11E+00	2.19E+00	1.19E+01	3.65E+00	3.65E-06
	Gumweed	TOTAL PeCDD	0	2	0	2.51E-01	4.05E-01	3.28E-01	1.09E-01	8.14E-01	4.05E-01	4.05E-07
	Gumweed	TOTAL PeCDF	1	2	50	1.35E-01	1.49E+00	8.15E-01	9.61E-01	5.11E+00	1.49E+00	1.49E-06
	Gumweed	TOTAL TCDD	0	2	0	1.69E-01	2.72E-01	2.20E-01	7.32E-02	5.47E-01	2.72E-01	2.72E-07
	Gumweed	TOTAL TCDF	0	2	0	1.31E-01	2.16E-01	1.74E-01	6.01E-02	4.42E-01	2.16E-01	2.16E-07
	Rabbitbrush	1234678-HpCDD	0	2	0	7.00E-02	2.12E-01	1.41E-01	1.00E-01	5.89E-01	2.12E-01	2.12E-07
	Rabbitbrush	1234678-HpCDF	1	2	50	8.90E-02	1.61E-01	1.25E-01	5.06E-02	3.51E-01	1.61E-01	1.61E-07
	Rabbitbrush	123478-HxCDD	0	2	0	5.35E-02	1.37E-01	9.50E-02	5.87E-02	3.57E-01	1.37E-01	1.37E-07
	Rabbitbrush	123478-HxCDF	0	2	0	3.20E-02	6.70E-02	4.95E-02	2.47E-02	1.60E-01	6.70E-02	6.70E-08
	Rabbitbrush	1234789-HpCDF	0	2	0	5.65E-02	1.46E-01	1.01E-01	6.29E-02	3.82E-01	1.46E-01	1.46E-07
	Rabbitbrush	123678-HxCDD	0	2	0	4.40E-02	1.14E-01	7.90E-02	4.95E-02	3.00E-01	1.14E-01	1.14E-07
	Rabbitbrush	123678-HxCDF	0	2	0	2.40E-02	5.35E-02	3.88E-02	2.09E-02	1.32E-01	5.35E-02	5.35E-08
	Rabbitbrush	12378-PeCDD	0	2	0	3.40E-02	8.25E-02	5.83E-02	3.43E-02	2.11E-01	8.25E-02	8.25E-08
	Rabbitbrush	123789-HxCDF	0	2	0	2.10E-02	4.20E-02	3.15E-02	1.48E-02	9.78E-02	4.20E-02	4.20E-08
	Rabbitbrush	234678-HxCDF	0	2	0	3.85E-02	1.24E-01	8.10E-02	6.01E-02	3.49E-01	1.24E-01	1.24E-07
	Rabbitbrush	23478-PeCDF	0	2	0	6.40E-02	1.62E-01	1.13E-01	2.76E-02	1.75E-01	7.15E-02	7.15E-08
	Rabbitbrush	2378-TCDD	0	2	0	2.15E-02	4.05E-02	3.10E-02	6.94E-02	4.23E-01	1.62E-01	1.62E-07
21	Rabbitbrush	2378-TCDF	0	2	0	1.95E-02	4.25E-02	3.10E-02	1.63E-02	1.04E-01	4.25E-02	4.25E-08
	Rabbitbrush	OCDD	0	2	0	3.55E-02	2.07E-01	1.21E-01	1.21E-01	6.61E-01	2.07E-01	2.07E-07
	Rabbitbrush	OCDF	0	2	0	3.69E-01	4.80E-01	4.24E-01	7.85E-02	7.74E-01	4.80E-01	4.80E-07
	Rabbitbrush	TOTAL HpCDD	0	2	0	8.45E-02	3.12E-01	1.98E-01	1.61E-01	9.17E-01	3.12E-01	3.12E-07
	Rabbitbrush	TOTAL HpCDF	1	2	50	7.00E-02	2.12E-01	1.41E-01	1.00E-01	5.89E-01	2.12E-01	2.12E-07
	Rabbitbrush	TOTAL HxCDD	0	2	0	1.11E-01	1.61E-01	1.36E-01	3.54E-02	2.94E-01	1.61E-01	1.61E-07
	Rabbitbrush	TOTAL HxCDF	0	2	0	4.45E-02	1.24E-01	8.43E-02	5.62E-02	3.35E-01	1.24E-01	1.24E-07
	Rabbitbrush	TOTAL PeCDD	1	2	50	6.30E-02	3.24E-01	1.94E-01	1.85E-01	1.02E+00	3.24E-01	3.24E-07
	Rabbitbrush	TOTAL PeCDF	0	2	0	3.40E-02	8.25E-02	5.83E-02	3.43E-02	2.11E-01	8.25E-02	8.25E-08
	Rabbitbrush	TOTAL TCDD	1	2	50	4.10E-02	2.26E-01	1.34E-01	7.89E-02	7.19E-01	2.26E-01	2.26E-07
	Rabbitbrush	TOTAL TCDF	1	2	50	4.25E-02	1.54E-01	9.83E-02	1.31E-01	4.51E-01	1.54E-01	1.54E-07
	Rabbitbrush	TOTAL TCDF	1	2	50	3.55E-02	1.12E+00	5.75E-01	7.64E-01	3.99E+00	1.12E+00	1.12E-06
	Gumweed	1234678-HpCDD	2	2	100	1.50E+00	2.49E+01	1.32E+01	1.66E+01	8.72E-01	2.49E+01	2.49E-05
	Gumweed	1234678-HpCDF	0	2	0	6.40E-02	1.66E-01	1.15E-01	7.21E-02	4.37E-01	1.66E-01	1.66E-07
	Gumweed	123478-HxCDD	0	2	0	1.02E-01	2.68E-01	1.85E-01	1.18E-01	7.10E-01	2.68E-01	2.68E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
21 (cont.)	Gumweed	123478-HxCDF	0	2	0	5.95E-02	1.33E-01	9.63E-02	5.20E-02	3.28E-01	1.33E-01	1.33E-07
	Gumweed	1234789-HpCDF	0	2	0	1.05E-01	2.72E-01	1.88E-01	1.18E-01	7.15E-01	2.72E-01	2.72E-07
	Gumweed	123678-HxCDD	1	2	50	8.43E-02	1.26E+00	6.70E-01	8.29E-01	4.37E+00	1.26E+00	1.26E-06
	Gumweed	123678-HxCDF	0	2	0	4.73E-02	1.07E-01	7.70E-02	4.17E-02	2.63E-01	1.07E-01	1.07E-07
	Gumweed	12378-PeCDD	0	2	0	6.60E-02	1.65E-01	1.15E-01	6.97E-02	4.26E-01	1.65E-01	1.65E-07
	Gumweed	12378-PeCDF	0	2	0	4.13E-02	9.35E-02	6.83E-02	3.82E-02	2.39E-01	9.55E-02	9.55E-08
	Gumweed	123789-HxCDD	0	2	0	9.20E-02	2.43E-01	1.68E-01	1.07E-01	6.44E-01	2.43E-01	2.43E-07
	Gumweed	123789-HxCDF	0	2	0	6.33E-02	1.43E-01	1.03E-01	5.59E-02	3.32E-01	1.43E-01	1.43E-07
	Gumweed	234678-HxCDF	0	2	0	1.60E-01	3.27E-01	2.43E-01	1.18E-01	7.72E-01	3.27E-01	3.27E-07
	Gumweed	23478-PeCDD	0	2	0	4.00E-02	9.20E-02	6.60E-02	3.68E-02	2.30E-01	9.20E-02	9.20E-08
	Gumweed	2378-TCDD	0	2	0	4.30E-02	1.14E-01	7.82E-02	4.99E-02	3.01E-01	1.14E-01	1.14E-07
	Gumweed	2378-TCDF	0	2	0	9.45E-02	2.07E-01	1.51E-01	7.97E-02	5.06E-01	2.07E-01	2.07E-07
	Gumweed	OCDD	2	2	100	1.03E+01	1.81E+02	9.56E+01	1.21E+02	6.35E+02	1.81E+02	1.81E-04
	Gumweed	OCDF	1	2	50	1.41E-01	1.02E+01	5.17E+00	7.11E+00	3.69E+01	1.02E+01	1.02E-05
	Gumweed	TOTAL HpCDD	2	2	100	3.05E+00	5.31E+01	2.81E+01	3.54E+01	1.86E+02	5.31E+01	5.31E-05
	Gumweed	TOTAL HpCDF	1	2	50	7.90E-02	3.97E+00	2.02E+00	2.75E+00	1.43E+01	3.97E+00	3.97E-06
	Gumweed	TOTAL HxCDD	2	2	100	8.71E-01	1.28E+01	6.84E+00	8.45E+00	4.46E+01	1.28E+01	1.28E-05
	Gumweed	TOTAL HxCDF	2	2	100	6.53E-01	4.39E+00	2.52E+00	2.64E+00	1.43E+01	4.39E+00	4.39E-06
	Gumweed	TOTAL PeCDD	1	2	50	6.60E-02	5.54E-01	3.10E-01	3.45E-01	1.85E+00	5.54E-01	5.54E-07
	Gumweed	TOTAL PeCDF	2	2	100	3.37E-01	1.18E+00	7.38E-01	5.94E-01	3.41E+00	1.18E+00	1.18E-06
	Gumweed	TOTAL TCDD	0	2	0	4.30E-02	1.14E-01	7.82E-02	4.99E-02	3.01E-01	1.14E-01	1.14E-07
	Gumweed	TOTAL TCDF	1	2	50	9.45E-02	1.11E+00	6.00E-01	7.15E-01	3.79E+00	1.11E+00	1.11E-06
	Rabbitbrush	1234678-HpCDD	1	2	50	2.15E-01	2.42E+01	1.22E+01	1.69E+01	8.78E+01	2.42E+01	2.42E-05
	Rabbitbrush	1234678-HpCDF	1	2	50	9.10E-02	2.29E+00	1.19E+00	1.55E+00	8.12E+00	2.29E+00	2.29E-06
	Rabbitbrush	123478-HxCDD	1	2	50	1.49E-01	8.20E-01	4.84E-01	4.74E-01	2.60E+00	8.20E-01	8.20E-07
	Rabbitbrush	123478-HxCDF	0	2	0	7.30E-02	7.60E-02	7.45E-02	2.12E-03	8.40E-02	7.60E-02	7.60E-08
	Rabbitbrush	1234789-HpCDF	0	2	0	1.50E-01	1.50E-01	1.50E-01	3.54E-04	1.51E-01	1.50E-01	1.50E-07
	Rabbitbrush	123678-HxCDD	1	2	50	1.25E-01	1.17E+00	6.45E-01	7.36E-01	3.93E+00	1.17E+00	1.17E-06
	Rabbitbrush	123678-HxCDF	0	2	0	5.85E-02	6.05E-02	5.95E-02	1.41E-03	6.58E-02	6.05E-02	6.05E-08
	Rabbitbrush	12378-PeCDD	1	2	50	1.90E-01	7.73E-01	4.82E-01	4.13E-01	2.32E+00	7.73E-01	7.73E-07
	Rabbitbrush	12378-PeCDF	0	2	0	9.45E-02	9.65E-02	9.55E-02	1.41E-03	1.02E-01	9.65E-02	9.65E-08
	Rabbitbrush	123789-HxCDD	1	2	50	1.35E-01	2.99E+00	1.56E+00	2.02E+00	1.06E+01	2.99E+00	2.99E-06
	Rabbitbrush	123789-HxCDF	0	2	0	7.85E-02	8.15E-02	8.00E-02	2.12E-03	8.95E-02	8.15E-02	8.15E-08
	Rabbitbrush	234678-HpCDD	2	2	100	2.94E-01	4.42E-01	3.68E-01	1.04E-01	8.34E-01	4.42E-01	4.42E-07
	Rabbitbrush	23478-PeCDD	0	2	0	9.10E-02	9.30E-02	9.20E-02	1.41E-03	9.83E-02	9.30E-02	9.30E-08
	Rabbitbrush	2378-TCDD	0	2	0	8.00E-02	9.30E-02	8.65E-02	9.19E-03	1.28E-01	9.30E-02	9.30E-08
	Rabbitbrush	2378-TCDF	1	2	50	5.30E-02	1.00E+00	5.28E-01	6.72E-01	3.53E+00	1.00E+00	1.00E-06
	Rabbitbrush	OCDD	2	2	100	4.20E+00	2.75E+02	1.40E+02	1.91E+02	9.94E+02	2.75E+02	2.75E-04
	Rabbitbrush	OCDF	1	2	50	4.50E-01	1.52E+01	7.83E+00	1.04E+01	5.45E+01	1.52E+01	1.52E-05
	Rabbitbrush	TOTAL HpCDD	1	2	50	2.15E-01	5.13E+01	2.58E+01	3.61E+01	1.87E+02	5.13E+01	5.13E-05
	Rabbitbrush	TOTAL HpCDF	1	2	50	1.14E-01	5.17E+00	2.64E+00	3.58E+00	1.86E+01	5.17E+00	5.17E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
21 (cont.)	Rabbitbrush	TOTAL HxCDD	1	2	50	1.36E-01	1.65E+01	8.30E+00	1.15E+01	5.99E+01	1.65E+01	1.65E-05
	Rabbitbrush	TOTAL HxCDF	2	2	100	2.94E-01	2.30E+00	1.30E+00	1.42E+00	7.63E+00	2.30E+00	2.30E-06
	Rabbitbrush	TOTAL PeCDD	1	2	50	1.90E-01	1.28E+00	7.37E-01	7.74E-01	4.19E+00	1.28E+00	1.28E-06
	Rabbitbrush	TOTAL PeCDF	2	2	100	2.18E-01	1.05E+00	6.32E-01	5.86E-01	3.25E+00	1.05E+00	1.05E-06
	Rabbitbrush	TOTAL TCDD	0	2	0	8.00E-02	9.30E-02	8.63E-02	9.19E-03	1.28E-01	9.30E-02	9.30E-08
	Rabbitbrush	TOTAL TCDF	1	2	50	5.30E-02	4.41E+00	2.23E+00	3.08E+00	1.60E+01	4.41E+00	4.41E-06
	Ambrosia	1234678-HpCDD	1	1	100	1.03E+01	1.03E+01	1.03E+01	NA	NA	1.03E+01	1.03E-05
	Ambrosia	1234678-HpCDF	0	1	0	8.60E-02	8.60E-02	8.60E-02	NA	NA	8.60E-02	8.60E-08
	Ambrosia	123478-HxCDD	1	1	100	6.61E-01	6.61E-01	6.61E-01	NA	NA	6.61E-01	6.61E-07
	Ambrosia	123478-HxCDF	1	1	100	2.30E-01	2.30E-01	2.30E-01	NA	NA	2.30E-01	2.30E-07
37	Ambrosia	1234789-HpCDF	0	1	0	1.32E-01	1.32E-01	1.32E-01	NA	NA	1.32E-01	1.32E-07
	Ambrosia	123678-HxCDD	1	1	100	8.02E-01	8.02E-01	8.02E-01	NA	NA	8.02E-01	8.02E-07
	Ambrosia	123678-HxCDF	0	1	0	5.75E-02	5.75E-02	5.75E-02	NA	NA	5.75E-02	5.75E-08
	Ambrosia	12378-PeCDD	1	1	100	3.59E-01	3.59E-01	3.59E-01	NA	NA	3.59E-01	3.59E-07
	Ambrosia	12378-PeCDF	0	1	0	5.75E-02	5.75E-02	5.75E-02	NA	NA	5.75E-02	5.75E-08
	Ambrosia	123789-HxCDD	0	1	0	5.71E-01	5.71E-01	5.71E-01	NA	NA	5.71E-01	5.71E-07
	Ambrosia	123789-HxCDF	0	1	0	7.70E-02	7.70E-02	7.70E-02	NA	NA	7.70E-02	7.70E-08
	Ambrosia	234678-HxCDF	0	1	0	2.21E-01	2.21E-01	2.21E-01	NA	NA	2.21E-01	2.21E-07
	Ambrosia	23478-PeCDF	0	1	0	5.80E-02	5.80E-02	5.80E-02	NA	NA	5.80E-02	5.80E-08
	Ambrosia	2378-TCDD	0	1	0	5.30E-02	5.30E-02	5.30E-02	NA	NA	5.30E-02	5.30E-08
	Ambrosia	2378-TCDF	0	1	0	1.20E-01	1.20E-01	1.20E-01	NA	NA	1.20E-01	1.20E-07
	Ambrosia	OCDD	1	1	100	3.02E+01	3.02E+01	3.02E+01	NA	NA	3.02E+01	3.02E-05
	Ambrosia	OCDF	1	1	100	1.27E+00	1.27E+00	1.27E+00	NA	NA	1.27E+00	1.27E-06
	Ambrosia	TOTAL HpCDD	1	1	100	1.89E+01	1.89E+01	1.89E+01	NA	NA	1.89E+01	1.89E-05
	Ambrosia	TOTAL HpCDF	1	1	100	9.24E-01	9.24E-01	9.24E-01	NA	NA	9.24E-01	9.24E-07
	Ambrosia	TOTAL HxCDD	1	1	100	7.09E+00	7.09E+00	7.09E+00	NA	NA	7.09E+00	7.09E-06
	Ambrosia	TOTAL HxCDF	1	1	100	1.76E+00	1.76E+00	1.76E+00	NA	NA	1.76E+00	1.76E-06
	Ambrosia	TOTAL PeCDD	1	1	100	5.99E-01	5.99E-01	5.99E-01	NA	NA	5.99E-01	5.99E-07
	Ambrosia	TOTAL PeCDF	1	1	100	7.65E-01	7.65E-01	7.65E-01	NA	NA	7.65E-01	7.65E-07
	Ambrosia	TOTAL TCDD	0	1	0	5.30E-02	5.30E-02	5.30E-02	NA	NA	5.30E-02	5.30E-08
	Ambrosia	TOTAL TCDF	1	1	100	2.40E-01	2.40E-01	2.40E-01	NA	NA	2.40E-01	2.40E-07
37	Rabbitbrush	1234678-HpCDD	2	2	100	4.33E+01	4.33E+01	4.33E+01	1.42E+01	9.67E+01	4.33E+01	4.33E-05
	Rabbitbrush	1234678-HpCDF	2	2	100	2.61E+00	2.61E+00	2.61E+00	8.26E-01	5.72E+00	2.61E+00	2.61E-06
	Rabbitbrush	123478-HxCDD	2	2	100	1.43E+00	2.69E+00	2.06E+00	8.93E-01	6.05E+00	2.69E+00	2.69E-06
	Rabbitbrush	123478-HxCDF	2	2	100	3.88E-01	1.04E+00	7.12E-01	4.58E-01	2.76E+00	1.04E+00	1.04E-06
	Rabbitbrush	1234789-HpCDF	1	2	50	6.05E-02	7.62E-01	4.11E-01	4.96E-01	2.62E+00	7.62E-01	7.62E-07
	Rabbitbrush	123678-HxCDD	2	2	100	1.81E+00	3.39E+00	2.60E+00	1.11E+00	7.57E+00	3.39E+00	3.39E-06
	Rabbitbrush	123678-HxCDF	2	2	100	2.30E-01	5.01E-01	3.65E-01	1.92E-01	1.22E+00	5.01E-01	5.01E-07
	Rabbitbrush	12378-PeCDD	2	2	100	9.23E-01	1.80E+00	1.36E+00	6.17E-01	4.11E+00	1.80E+00	1.80E-06
	Rabbitbrush	12378-PeCDF	1	2	50	8.87E-02	9.60E-02	9.24E-02	5.16E-03	1.15E-01	9.60E-02	9.60E-08
	Rabbitbrush	123789-HxCDD	2	2	100	2.96E+00	6.06E+00	4.51E+00	2.19E+00	1.43E+01	6.06E+00	6.06E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
37 (cont.)	Rabbitbrush	123789-HxCDF	0	2	0	3.80E-02	1.00E-01	6.90E-02	4.38E-02	2.63E-01	1.00E-01	1.00E-07
	Rabbitbrush	234678-HxCDF	2	2	100	5.30E-01	9.57E-01	7.43E-01	3.02E-01	2.09E+00	9.57E-01	9.57E-07
	Rabbitbrush	23478-PeCDF	1	2	50	3.75E-02	2.37E-01	2.03E-01	2.37E-01	1.26E+00	3.73E-01	3.73E-07
	Rabbitbrush	2378-TCDD	2	2	100	1.72E-01	2.82E-01	2.27E-01	7.81E-02	5.76E-01	2.82E-01	2.82E-07
	Rabbitbrush	2378-TCDF	0	2	0	3.50E-02	7.45E-02	5.48E-02	2.79E-02	1.79E-01	7.45E-02	7.45E-08
	Rabbitbrush	OCDD	2	2	100	7.87E-01	1.42E+02	1.10E+02	4.44E+01	3.08E+02	1.42E+02	1.42E-04
	Rabbitbrush	OCDF	2	2	100	3.57E+00	6.65E+00	5.11E+00	2.17E+00	1.48E+01	6.65E+00	6.65E-06
	Rabbitbrush	TOTAL HpCDD	2	2	100	4.67E+01	8.10E+01	6.38E+01	2.42E+01	1.72E+02	8.10E+01	8.10E-05
	Rabbitbrush	TOTAL HpCDF	2	2	100	3.32E+00	6.49E+00	4.91E+00	2.24E+00	1.49E+01	6.49E+00	6.49E-06
	Rabbitbrush	TOTAL HxCDD	2	2	100	2.12E+01	3.89E+01	3.01E+01	1.25E+01	8.58E+01	3.89E+01	3.89E-05
	Rabbitbrush	TOTAL HxCDF	2	2	100	2.37E+00	6.76E+00	4.56E+00	3.11E+00	1.84E+01	6.76E+00	6.76E-06
	Rabbitbrush	TOTAL PeCDD	1	2	50	5.49E+00	6.28E+00	5.89E+00	5.64E-01	8.40E+00	6.28E+00	6.28E-06
	Rabbitbrush	TOTAL PeCDF	2	2	100	1.13E+00	4.86E+00	2.99E+00	2.63E+00	1.48E+01	4.86E+00	4.86E-06
	Rabbitbrush	TOTAL TCDD	2	2	100	7.87E-01	1.54E+00	1.17E+00	5.34E-01	3.55E+00	1.54E+00	1.54E-06
	Rabbitbrush	TOTAL TCDF	1	2	50	5.56E-01	2.53E+00	1.54E+00	1.39E+00	7.76E+00	2.53E+00	2.53E-06
	Sweetclover	1234678-HpCDD	2	2	100	7.89E+00	3.75E+01	2.27E+01	2.09E+01	1.16E+02	3.75E+01	3.75E-05
	Sweetclover	1234678-HpCDF	0	2	0	2.66E-01	1.12E+00	6.94E-01	6.03E-01	3.39E+00	1.12E+00	1.12E-06
	Sweetclover	123478-HxCDD	1	2	50	3.95E-01	2.43E+00	1.41E+00	1.44E+00	7.83E+00	2.43E+00	2.43E-06
	Sweetclover	123478-HxCDF	1	2	50	1.87E-01	1.16E+00	6.76E-01	6.91E-01	3.76E+00	1.16E+00	1.16E-06
	Sweetclover	1234789-HpCDF	0	2	0	3.90E-01	4.36E-01	4.13E-01	3.25E-02	5.58E-01	4.36E-01	4.36E-07
	Sweetclover	123678-HxCDD	2	2	100	6.52E-01	3.46E+00	2.06E+00	1.99E+00	1.09E+01	3.46E+00	3.46E-06
	Sweetclover	123678-HxCDF	1	2	50	1.49E-01	6.31E-01	3.90E-01	3.41E-01	1.91E+00	6.31E-01	6.31E-07
	Sweetclover	12378-PeCDD	0	2	0	2.02E-01	2.11E-01	2.06E-01	6.36E-03	2.34E-01	2.11E-01	2.11E-07
	Sweetclover	12378-PeCDF	0	2	0	1.16E-01	1.23E-01	1.19E-01	5.30E-03	1.43E-01	1.23E-01	1.23E-07
	Sweetclover	123789-HxCDD	2	2	100	9.53E-01	5.45E+00	3.20E+00	3.18E+00	1.74E+01	5.45E+00	5.45E-06
	Sweetclover	123789-HxCDF	0	2	0	1.94E-01	2.00E-01	1.97E-01	4.60E-03	2.17E-01	2.00E-01	2.00E-07
	Sweetclover	234678-HxCDF	1	2	50	1.80E-01	1.07E+00	6.23E-01	6.27E-01	3.42E+00	1.07E+00	1.07E-06
	Sweetclover	23478-PeCDF	0	2	0	1.12E-01	1.19E-01	1.15E-01	4.95E-03	1.37E-01	1.19E-01	1.19E-07
	Sweetclover	2378-TCDD	0	2	0	1.14E-01	1.23E-01	1.18E-01	6.01E-03	1.45E-01	1.23E-01	1.23E-07
	Sweetclover	2378-TCDF	0	2	0	9.40E-02	9.80E-02	9.60E-02	2.83E-03	1.09E-01	9.80E-02	9.80E-08
	Sweetclover	OCDD	2	2	100	3.14E+01	9.77E+01	6.45E+01	4.69E+01	2.74E+02	9.77E+01	9.77E-05
	Sweetclover	OCDF	0	2	0	6.80E-01	8.15E-01	7.48E-01	9.55E-02	1.17E+00	8.15E-01	8.15E-07
	Sweetclover	TOTAL HpCDD	2	2	100	1.58E+01	6.60E+01	4.09E+01	3.55E+01	1.99E+02	6.60E+01	6.60E-05
	Sweetclover	TOTAL HpCDF	1	2	50	3.31E-01	5.47E+00	2.90E+00	3.63E+00	1.91E+01	5.47E+00	5.47E-06
	Sweetclover	TOTAL HxCDD	2	2	100	3.85E+00	3.21E+01	1.80E+01	2.00E+01	1.07E+02	3.21E+01	3.21E-05
	Sweetclover	TOTAL HxCDF	2	2	100	6.21E-01	7.02E+00	3.82E+00	4.53E+00	2.40E+01	7.02E+00	7.02E-06
	Sweetclover	TOTAL PeCDD	1	2	50	2.11E-01	8.34E+00	2.99E+00	2.78E+00	2.99E+01	8.34E+00	8.34E-06
	Sweetclover	TOTAL PeCDF	1	2	50	1.21E-01	4.05E+00	2.09E+00	2.78E+00	1.45E+01	4.05E+00	4.05E-06
	Sweetclover	TOTAL TCDD	1	2	50	1.23E-01	7.89E-01	4.56E-01	4.71E-01	2.56E+00	7.89E-01	7.89E-07
	Sweetclover	TOTAL TCDF	1	2	50	9.80E-02	2.23E+00	1.16E+00	1.51E+00	7.88E+00	2.23E+00	2.23E-06
	Gumweed	1234678-HpCDD	0	1	0	3.99E-01	3.99E-01	3.99E-01	NA	NA	3.99E-01	3.99E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
42	Gumweed	1234678-HpCDF	0	1	0	2.02E-01	2.02E-01	2.02E-01	NA	NA	2.02E-01	2.02E-07
	Gumweed	123478-HxCDD	0	1	0	3.71E-01	3.71E-01	3.71E-01	NA	NA	3.71E-01	3.71E-07
	Gumweed	123478-HxCDF	0	1	0	2.02E-01	2.02E-01	2.02E-01	NA	NA	2.02E-01	2.02E-07
	Gumweed	1234789-HpCDF	0	1	0	3.32E-01	3.32E-01	3.32E-01	NA	NA	3.32E-01	3.32E-07
	Gumweed	123678-HxCDD	0	1	0	3.11E-01	3.11E-01	3.11E-01	NA	NA	3.11E-01	3.11E-07
	Gumweed	123678-HxCDF	0	1	0	1.62E-01	1.62E-01	1.62E-01	NA	NA	1.62E-01	1.62E-07
	Gumweed	12378-PeCDD	0	1	0	2.31E-01	2.31E-01	2.31E-01	NA	NA	2.31E-01	2.31E-07
	Gumweed	12378-PeCDF	0	1	0	1.58E-01	1.58E-01	1.58E-01	NA	NA	1.58E-01	1.58E-07
	Gumweed	123789-HxCDD	0	1	0	3.37E-01	3.37E-01	3.37E-01	NA	NA	3.37E-01	3.37E-07
	Gumweed	123789-HxCDF	0	1	0	2.17E-01	2.17E-01	2.17E-01	NA	NA	2.17E-01	2.17E-07
	Gumweed	234678-HxCDF	0	1	0	1.94E-01	1.94E-01	1.94E-01	NA	NA	1.94E-01	1.94E-07
	Gumweed	23478-PeCDD	0	1	0	1.53E-01	1.53E-01	1.53E-01	NA	NA	1.53E-01	1.53E-07
	Gumweed	2378-TCDD	0	1	0	1.71E-01	1.71E-01	1.71E-01	NA	NA	1.71E-01	1.71E-07
	Gumweed	2378-TCDF	0	1	0	1.31E-01	1.31E-01	1.31E-01	NA	NA	1.31E-01	1.31E-07
	Gumweed	OCDD	0	1	0	5.37E-01	5.37E-01	5.37E-01	NA	NA	5.37E-01	5.37E-07
	Gumweed	OCDF	0	1	0	4.55E-01	4.55E-01	4.55E-01	NA	NA	4.55E-01	4.55E-07
	Gumweed	TOTAL HpCDD	1	1	100	3.07E+00	3.07E+00	3.07E+00	NA	NA	3.07E+00	3.07E-06
	Gumweed	TOTAL HpCDF	1	1	100	6.25E-01	6.25E-01	6.25E-01	NA	NA	6.25E-01	6.25E-07
	Gumweed	TOTAL HxCDD	0	1	0	3.38E-01	3.38E-01	3.38E-01	NA	NA	3.38E-01	3.38E-07
	Gumweed	TOTAL HxCDF	0	1	0	1.91E-01	1.91E-01	1.91E-01	NA	NA	1.91E-01	1.91E-07
	Gumweed	TOTAL PeCDD	0	1	0	2.31E-01	2.31E-01	2.31E-01	NA	NA	2.31E-01	2.31E-07
	Gumweed	TOTAL PeCDF	0	1	0	1.55E-01	1.55E-01	1.55E-01	NA	NA	1.55E-01	1.55E-07
	Gumweed	TOTAL TCDD	0	1	0	1.71E-01	1.71E-01	1.71E-01	NA	NA	1.71E-01	1.71E-07
	Gumweed	TOTAL TCDF	0	1	0	1.31E-01	1.31E-01	1.31E-01	NA	NA	1.31E-01	1.31E-07
	Rabbitbrush	1234678-HpCDD	4	9	44	1.94E-01	1.70E+00	8.03E-01	5.29E-01	1.13E+00	1.13E-01	1.13E-06
	Rabbitbrush	1234678-HpCDF	4	9	44	6.60E-02	5.19E-01	2.83E-01	1.59E-01	3.82E-01	3.82E-01	3.82E-07
	Rabbitbrush	123478-HxCDD	0	9	0	9.85E-02	4.49E-01	2.90E-01	1.34E-01	3.73E-01	4.49E-01	4.49E-07
	Rabbitbrush	123478-HxCDF	0	9	0	5.25E-02	2.88E-01	1.74E-01	9.01E-02	2.30E-01	2.88E-01	2.88E-07
	Rabbitbrush	1234789-HpCDF	0	9	0	1.02E-01	4.41E-01	2.78E-01	1.26E-01	3.56E-01	4.41E-01	4.41E-07
	Rabbitbrush	123678-HxCDD	0	9	0	8.10E-02	4.13E-01	2.60E-01	1.30E-01	3.41E-01	4.15E-01	4.15E-07
	Rabbitbrush	12378-PeCDD	0	9	0	3.95E-02	2.11E-01	1.30E-01	6.46E-02	1.70E-01	2.11E-01	2.11E-07
	Rabbitbrush	12378-PeCDF	0	9	0	5.20E-02	3.22E-01	2.07E-01	1.01E-01	2.70E-01	3.22E-01	3.22E-07
	Rabbitbrush	123789-HxCDD	0	9	0	7.10E-02	2.01E-01	1.24E-01	6.21E-02	1.62E-01	2.01E-01	2.01E-07
	Rabbitbrush	123789-HxCDF	0	9	0	5.23E-02	3.97E-01	2.52E-01	1.24E-01	3.29E-01	3.97E-01	3.97E-07
	Rabbitbrush	234678-HpCDD	2	9	22	1.42E-01	3.20E-01	1.91E-01	1.03E-01	2.55E-01	3.20E-01	3.20E-07
	Rabbitbrush	23478-PeCDF	0	9	0	3.23E-02	2.00E-01	2.37E-01	5.88E-02	2.76E-01	2.76E-01	2.76E-07
	Rabbitbrush	2378-TCDD	1	9	11	2.95E-02	2.11E-01	1.33E-01	6.62E-02	1.69E-01	1.69E-01	1.69E-07
	Rabbitbrush	2378-TCDF	3	9	33	2.45E-02	7.44E-01	1.24E-01	6.62E-02	1.65E-01	2.11E-01	2.11E-07
	Rabbitbrush	OCDD	8	9	89	7.72E-01	1.31E-01	2.35E-01	2.28E-01	3.76E-01	3.76E-01	3.76E-07
	Rabbitbrush	OCDF	5	9	56	2.92E-01	1.77E+00	1.10E+00	3.50E+00	8.96E+00	8.96E+00	8.96E-06
									5.29E-01	1.43E+00	1.43E+00	1.43E-06

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- mg/kg	Cterm- mg/kg
42 (cont.)	Rabbitbrush	TOTAL HpCDD	5	9	56	1.94E-01	2.99E+00	1.20E+00	1.06E+00	1.86E+00	1.86E+00	1.86E-06
	Rabbitbrush	TOTAL HpCDF	5	9	56	1.59E-01	5.19E-01	3.47E-01	1.30E-01	4.28E-01	4.28E-01	4.28E-07
	Rabbitbrush	TOTAL HxCDD	1	9	11	1.71E-01	4.19E-01	3.21E-01	9.26E-02	3.78E-01	3.78E-01	3.78E-07
	Rabbitbrush	TOTAL HxCDF	4	9	44	1.36E-01	5.81E-01	3.03E-01	1.30E-01	3.84E-01	3.84E-01	3.84E-07
	Rabbitbrush	TOTAL PeCDD	0	9	0	7.58E-02	3.22E-01	2.10E-01	9.66E-02	2.70E-01	3.22E-01	3.22E-07
	Rabbitbrush	TOTAL PeCDF	3	9	33	1.02E-01	4.97E-01	1.99E-01	1.16E-01	2.71E-01	2.71E-01	2.71E-07
	Rabbitbrush	TOTAL TCDD	1	9	11	5.75E-02	2.30E-01	1.46E-01	6.41E-02	1.86E-01	1.86E-01	1.86E-07
	Rabbitbrush	TOTAL TCDF	4	9	44	7.85E-02	2.43E+00	5.05E-01	7.57E-01	9.75E-01	9.75E-01	9.75E-07
	Sweetclover	1234678-HpCDD	4	8	50	9.45E-02	2.11E+00	6.00E-01	6.49E-01	1.03E+00	1.03E+00	1.03E-06
	Sweetclover	1234678-HpCDF	0	8	0	7.15E-02	4.31E-01	1.80E-01	1.41E-01	2.75E-01	4.31E-01	4.31E-07
	Sweetclover	123478-HxCDD	0	8	0	6.45E-02	7.01E-01	2.59E-01	1.42E-01	4.21E-01	7.01E-01	7.01E-07
	Sweetclover	123478-HxCDF	1	8	13	3.25E-02	3.93E-01	1.38E-01	2.25E-01	2.22E-01	2.22E-01	2.22E-07
	Sweetclover	1234789-HpCDF	0	8	0	6.55E-02	7.03E-01	2.74E-01	2.54E-01	4.44E-01	7.05E-01	7.05E-07
	Sweetclover	123678-HxCDD	0	8	0	5.40E-02	5.86E-01	2.17E-01	2.02E-01	3.52E-01	5.86E-01	5.86E-07
	Sweetclover	123678-HxCDF	0	8	0	2.55E-02	3.13E-01	1.05E-01	1.03E-01	1.75E-01	3.13E-01	3.13E-07
	Sweetclover	12378-PeCDD	0	8	0	4.65E-02	5.48E-01	1.73E-01	1.77E-01	2.92E-01	5.48E-01	5.48E-07
	Sweetclover	12378-PeCDF	0	8	0	2.55E-02	3.23E-01	9.40E-02	1.02E-01	1.63E-01	3.23E-01	3.23E-07
	Sweetclover	123789-HxCDD	0	8	0	5.85E-02	6.35E-01	2.35E-01	2.19E-01	3.82E-01	6.35E-01	6.35E-07
	Sweetclover	123789-HxCDF	0	8	0	3.45E-02	4.21E-01	1.41E-01	1.39E-01	2.34E-01	4.21E-01	4.21E-07
	Sweetclover	234678-HxCDF	3	8	38	3.30E-02	3.77E-01	2.08E-01	1.29E-01	2.95E-01	2.95E-01	2.95E-07
	Sweetclover	23478-PeCDF	1	8	0	2.45E-02	3.12E-01	1.01E-01	9.42E-02	1.64E-01	3.12E-01	3.12E-07
	Sweetclover	2378-TCDD	0	8	13	2.50E-02	9.43E-01	2.00E-01	3.25E-01	4.18E-01	4.18E-01	4.18E-07
	Sweetclover	2378-TCDF	0	8	0	2.15E-02	4.20E-01	1.88E-01	1.51E-01	2.89E-01	4.20E-01	4.20E-07
	Sweetclover	OCDD	6	8	75	7.66E-01	1.17E+02	1.62E+01	4.08E+01	4.36E+01	4.36E+01	4.36E-05
	Sweetclover	OCDF	6	8	75	2.08E-01	2.86E+00	1.03E+00	8.97E-01	1.64E+00	1.64E+00	1.64E-06
	Sweetclover	TOTAL HpCDD	5	8	63	9.45E-02	4.79E+00	1.02E+00	1.55E+00	2.06E+00	2.06E+00	2.06E-06
	Sweetclover	TOTAL HpCDF	3	8	38	8.90E-02	7.40E-01	2.78E-01	2.35E-01	4.36E-01	4.36E-01	4.36E-07
	Sweetclover	TOTAL HxCDD	0	8	0	5.85E-02	6.37E-01	2.35E-01	2.20E-01	3.83E-01	6.37E-01	6.37E-07
	Sweetclover	TOTAL HxCDF	5	8	63	6.80E-02	1.03E+00	3.32E-01	1.77E-01	5.41E-01	5.41E-01	5.41E-07
	Sweetclover	TOTAL PeCDD	0	8	0	4.65E-02	5.48E-01	1.73E-01	1.77E-01	2.92E-01	5.48E-01	5.48E-07
	Sweetclover	TOTAL PeCDF	4	8	50	2.50E-02	3.92E-01	1.91E-01	1.23E-01	2.74E-01	2.74E-01	2.74E-07
	Sweetclover	TOTAL TCDD	5	8	63	5.70E-02	9.43E-01	2.68E-01	2.92E-01	4.63E-01	4.63E-01	4.63E-07
	Sweetclover	TOTAL TCDF	7	8	88	2.48E-01	1.95E+00	7.42E-01	5.72E-01	1.13E+00	1.13E+00	1.13E-06
45	Gumweed	1234678-HpCDD	2	3	67	2.45E-01	1.78E+00	8.98E-01	7.90E-01	2.23E+00	1.78E+00	1.78E-06
	Gumweed	1234678-HpCDF	2	3	67	1.16E-01	6.31E-01	3.94E-01	2.60E-01	8.33E-01	6.31E-01	6.31E-07
	Gumweed	123478-HxCDD	0	3	0	1.08E-01	1.66E-01	1.39E-01	2.91E-02	1.88E-01	1.66E-01	1.66E-07
	Gumweed	123478-HxCDF	0	3	0	5.35E-02	8.55E-02	6.98E-02	1.60E-02	9.68E-02	8.55E-02	8.55E-08
	Gumweed	1234789-HpCDF	0	3	0	1.18E-01	1.89E-01	1.54E-01	3.58E-02	2.15E-01	1.89E-01	1.89E-07
	Gumweed	123678-HxCDD	0	3	0	9.05E-02	1.38E-01	1.16E-01	2.40E-02	1.57E-01	1.38E-01	1.38E-07
	Gumweed	123678-HxCDF	0	3	0	4.30E-02	6.85E-02	5.60E-02	1.28E-02	7.75E-02	6.85E-02	6.85E-08
	Gumweed	12378-PeCDD	0	3	0	7.20E-02	1.16E-01	9.25E-02	2.19E-02	1.29E-01	1.16E-01	1.16E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
45 (cont.)	Gumweed	12378-PeCDF	0	3	0	3.85E-02	6.53E-02	5.33E-02	1.37E-02	7.64E-02	6.55E-02	6.55E-08
	Gumweed	123789-HxCDD	0	3	0	9.80E-02	1.50E-01	1.26E-01	2.63E-02	1.70E-01	1.50E-01	1.50E-07
	Gumweed	123789-HxCDF	0	3	0	5.75E-02	9.20E-02	7.50E-02	1.73E-02	1.04E-01	9.20E-02	9.20E-08
	Gumweed	234678-HxCDF	0	3	0	1.45E-01	1.69E-01	1.57E-01	1.23E-02	1.78E-01	1.69E-01	1.69E-07
	Gumweed	23478-PeCDF	0	3	0	3.75E-02	6.30E-02	5.15E-02	1.29E-02	7.33E-02	6.30E-02	6.30E-08
	Gumweed	2378-TCDD	0	3	0	3.35E-02	5.40E-02	4.43E-02	1.03E-02	6.17E-02	5.40E-02	5.40E-08
	Gumweed	2378-TCDF	1	3	33	4.20E-02	9.01E-01	3.62E-01	4.70E-01	1.15E+00	9.01E-07	9.01E-07
	Gumweed	OCDD	3	3	100	3.91E+00	1.06E+01	6.37E+00	3.66E+00	1.25E+01	1.06E+01	1.06E-05
	Gumweed	OCDF	1	3	33	2.38E-01	8.81E-01	4.81E-01	3.49E-01	1.07E+00	8.81E-01	8.81E-07
	Gumweed	TOTAL HpCDD	2	3	67	2.43E-01	3.79E+00	1.57E+00	1.94E+00	4.83E+00	3.79E+00	3.79E-06
	Gumweed	TOTAL HpCDF	2	3	67	1.44E-01	6.31E-01	4.04E-01	2.45E-01	8.17E-01	6.31E-01	6.31E-07
	Gumweed	TOTAL HxCDD	1	3	33	9.80E-02	3.80E-01	2.09E-01	1.50E-01	4.62E-01	3.80E-01	3.80E-07
	Gumweed	TOTAL HxCDF	3	3	100	2.89E-01	3.38E-01	3.15E-01	2.46E-02	3.56E-01	3.38E-01	3.38E-07
	Gumweed	TOTAL PeCDD	0	3	0	7.20E-02	1.16E-01	9.23E-02	2.19E-02	1.29E-01	1.16E-01	1.16E-07
	Gumweed	TOTAL PeCDF	1	3	33	1.03E-01	6.19E-01	2.90E-01	2.85E-01	7.71E-01	6.19E-01	6.19E-07
	Gumweed	TOTAL TCDD	2	3	67	3.33E-02	3.37E-01	1.78E-01	1.52E-01	4.34E-01	3.37E-01	3.37E-07
	Gumweed	TOTAL TCDF	3	3	100	2.87E-01	1.78E+00	8.08E-01	8.45E-01	2.23E+00	1.78E+00	1.78E-06
	Jackrabbit	1234678-HpCDD	15	15	100	5.53E-01	3.07E+01	6.44E+00	7.86E+00	1.00E+01	1.00E+01	1.00E-05
	Jackrabbit	1234678-HpCDF	9	15	60	4.90E-02	1.03E-01	1.48E+00	2.71E+00	2.71E+00	2.71E+00	2.71E-06
	Jackrabbit	123478-HxCDD	3	15	20	4.10E-02	6.26E-01	1.59E-01	1.46E-01	2.25E-01	2.25E-01	2.25E-07
	Jackrabbit	123478-HxCDF	6	15	40	3.20E-02	6.10E-01	1.69E-01	1.59E-01	2.41E-01	2.41E-01	2.41E-07
	Jackrabbit	1234789-HpCDF	1	15	7	3.40E-02	3.96E-01	1.31E-01	1.02E-01	1.77E-01	1.77E-01	1.77E-07
	Jackrabbit	123678-HxCDD	5	15	33	3.45E-02	1.10E+00	2.92E-01	3.23E-01	4.39E-01	4.39E-01	4.39E-07
	Jackrabbit	123678-HxCDF	4	15	27	2.35E-02	2.99E-01	1.03E-01	1.00E-01	1.50E-01	1.50E-01	1.50E-07
	Jackrabbit	12378-PeCDD	1	15	7	3.10E-02	2.07E-01	8.41E-02	4.30E-02	1.04E-01	1.04E-01	1.04E-07
	Jackrabbit	12378-PeCDF	0	15	0	1.80E-02	1.33E-01	4.78E-02	2.80E-02	6.03E-02	1.33E-01	1.33E-07
	Jackrabbit	123789-HxCDD	4	15	27	4.45E-02	8.69E-01	1.96E-01	2.33E-01	3.02E-01	3.02E-01	3.02E-07
	Jackrabbit	123789-HxCDF	0	15	0	2.35E-02	1.84E-01	7.10E-02	3.84E-02	8.84E-02	1.84E-01	1.84E-07
	Jackrabbit	234678-HxCDF	11	15	73	4.85E-02	8.33E-01	3.36E-01	2.34E-01	4.43E-01	4.43E-01	4.43E-07
	Jackrabbit	23478-PeCDF	1	15	7	1.90E-02	1.97E-01	5.78E-02	4.73E-02	7.94E-02	7.94E-02	7.94E-08
	Jackrabbit	2378-TCDD	0	15	0	1.90E-02	1.30E-01	5.11E-02	2.68E-02	6.33E-02	1.30E-01	1.30E-07
	Jackrabbit	2378-TCDF	1	15	7	1.90E-02	1.13E-01	4.86E-02	2.77E-02	6.12E-02	6.12E-02	6.12E-08
	Jackrabbit	OCDD	15	15	100	1.53E+00	1.91E+02	3.42E+01	5.82E+01	6.06E+01	6.06E+01	6.06E-05
	Jackrabbit	OCDF	6	15	40	4.35E-02	1.25E+01	2.06E+00	3.51E+00	3.65E+00	3.65E+00	3.65E-06
	Jackrabbit	TOTAL HpCDD	15	15	100	5.53E-01	3.12E+01	6.71E+00	7.95E+00	1.03E+01	1.03E+01	1.03E-05
	Jackrabbit	TOTAL HpCDF	11	15	73	6.00E-02	1.03E+01	1.80E+00	2.74E+00	3.04E+00	3.04E+00	3.04E-06
	Jackrabbit	TOTAL HxCDD	6	15	40	4.70E-02	2.60E+00	4.88E-01	7.35E-01	8.22E-01	8.22E-01	8.22E-07
	Jackrabbit	TOTAL HxCDF	11	15	73	4.70E-02	2.15E+00	6.38E-01	6.18E-01	9.19E-01	9.19E-01	9.19E-07
	Jackrabbit	TOTAL PeCDD	1	15	7	3.10E-02	2.07E-01	8.41E-02	4.30E-02	1.04E-01	1.04E-01	1.04E-07
	Jackrabbit	TOTAL PeCDF	1	15	7	1.95E-02	1.97E-01	6.22E-02	4.80E-02	8.41E-02	8.41E-02	8.41E-08
	Jackrabbit	TOTAL TCDD	1	15	7	2.20E-02	1.30E-01	5.36E-02	2.52E-02	6.50E-02	6.50E-02	6.50E-08

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
45 (cont.)	Jackrabbit	TOTAL TCDF	1	15	7	1.90E-02	1.13E-01	4.86E-02	2.77E-02	6.12E-02	6.12E-02	6.12E-08
	Rabbitbrush	1234678-HpCDD	1	5	20	1.07E-01	3.47E-01	2.22E-01	8.55E-02	3.03E-01	3.03E-01	3.03E-07
	Rabbitbrush	1234678-HpCDF	0	5	0	4.20E-02	1.01E-01	7.57E-02	2.62E-02	1.01E-01	1.01E-01	1.01E-07
	Rabbitbrush	123478-HxCDD	0	5	0	6.05E-02	1.64E-01	1.16E-01	4.65E-02	1.60E-01	1.64E-01	1.64E-07
	Rabbitbrush	123478-HxCDF	0	5	0	3.80E-02	7.65E-02	6.05E-02	1.76E-02	7.73E-02	7.65E-02	7.65E-08
	Rabbitbrush	1234789-HpCDF	0	5	0	6.50E-02	1.66E-01	1.22E-01	4.53E-02	1.66E-01	1.66E-01	1.66E-07
	Rabbitbrush	123678-HxCDD	0	5	0	5.00E-02	1.37E-01	9.64E-02	3.94E-02	1.34E-01	1.37E-01	1.37E-07
	Rabbitbrush	123678-HxCDF	0	5	0	2.85E-02	6.10E-02	4.75E-02	1.50E-02	6.18E-02	6.10E-02	6.10E-08
	Rabbitbrush	12378-PeCDD	0	5	0	4.10E-02	1.03E-01	7.26E-02	2.83E-02	9.96E-02	1.03E-01	1.03E-07
	Rabbitbrush	12378-PeCDF	0	5	0	2.45E-02	5.25E-02	3.95E-02	1.28E-02	5.17E-02	5.25E-02	5.25E-08
	Rabbitbrush	123789-HxCDD	0	5	0	4.40E-02	1.49E-01	1.00E-01	4.85E-02	1.46E-01	1.49E-01	1.49E-07
	Rabbitbrush	123789-HxCDF	0	5	0	3.80E-02	8.20E-02	6.37E-02	2.03E-02	8.31E-02	8.20E-02	8.20E-08
	Rabbitbrush	234678-HxCDF	0	5	0	3.60E-02	1.53E-01	7.99E-02	4.35E-02	1.21E-01	1.53E-01	1.53E-07
	Rabbitbrush	23478-PeCDF	0	5	0	2.50E-02	5.05E-02	3.85E-02	1.17E-02	4.96E-02	5.05E-02	5.05E-08
	Rabbitbrush	2378-TCDD	0	5	0	2.20E-02	4.43E-02	3.53E-02	1.19E-02	4.67E-02	4.45E-02	4.45E-08
	Rabbitbrush	2378-TCDF	0	5	0	3.55E-02	2.79E-01	1.20E-01	1.17E-01	2.31E-01	2.79E-01	2.79E-07
	Rabbitbrush	OCDD	1	5	20	3.36E-01	1.99E+00	8.83E-01	6.86E-01	1.54E+00	1.54E+00	1.54E-06
	Rabbitbrush	OCDF	0	5	0	9.95E-02	3.26E-01	2.29E-01	1.03E-01	3.27E-01	3.26E-01	3.26E-07
	Rabbitbrush	TOTAL HpCDD	1	5	20	1.07E-01	7.43E-01	3.01E-01	2.52E-01	5.41E-01	5.41E-01	5.41E-07
	Rabbitbrush	TOTAL HpCDF	0	5	0	5.10E-02	1.26E-01	9.36E-02	3.33E-02	1.25E-01	1.26E-01	1.26E-07
	Rabbitbrush	TOTAL HxCDD	0	5	0	5.05E-02	1.49E-01	1.03E-01	4.49E-02	1.46E-01	1.49E-01	1.49E-07
	Rabbitbrush	TOTAL HxCDF	1	5	20	3.45E-02	3.06E-01	1.10E-01	1.11E-01	2.15E-01	2.15E-01	2.15E-07
	Rabbitbrush	TOTAL PeCDD	0	5	0	4.10E-02	1.03E-01	7.26E-02	2.83E-02	9.96E-02	1.03E-01	1.03E-07
	Rabbitbrush	TOTAL PeCDF	0	5	0	2.70E-02	1.56E-01	6.52E-02	5.14E-02	1.14E-01	1.56E-01	1.56E-07
	Rabbitbrush	TOTAL TCDD	1	5	20	2.25E-02	2.17E-01	7.44E-02	8.05E-02	1.51E-01	1.51E-01	1.51E-07
	Rabbitbrush	TOTAL TCDF	2	5	40	3.55E-02	1.51E+00	5.21E-01	6.89E-01	1.18E+00	1.18E+00	1.18E-06
	Sweetclover	1234678-HpCDD	0	3	0	2.99E-01	6.61E-01	4.37E-01	1.96E-01	7.67E-01	6.61E-01	6.61E-07
	Sweetclover	1234678-HpCDF	0	3	0	1.33E-01	2.80E-01	1.98E-01	7.47E-02	3.24E-01	2.80E-01	2.80E-07
	Sweetclover	123478-HxCDD	0	3	0	2.24E-01	4.18E-01	2.94E-01	1.07E-01	4.73E-01	4.18E-01	4.18E-07
	Sweetclover	123478-HxCDF	0	3	0	1.11E-01	2.05E-01	1.44E-01	5.26E-02	2.33E-01	2.05E-01	2.05E-07
	Sweetclover	1234789-HpCDF	0	3	0	2.17E-01	4.58E-01	3.09E-01	1.30E-01	5.29E-01	4.58E-01	4.58E-07
	Sweetclover	123678-HxCDD	0	3	0	1.88E-01	3.49E-01	2.46E-01	8.95E-02	3.97E-01	3.49E-01	3.49E-07
	Sweetclover	123678-HxCDF	0	3	0	8.85E-02	1.63E-01	1.15E-01	4.19E-02	1.83E-01	1.63E-01	1.63E-07
	Sweetclover	12378-PeCDD	0	3	0	1.50E-01	2.57E-01	1.86E-01	6.12E-02	2.89E-01	2.57E-01	2.57E-07
	Sweetclover	12378-PeCDF	0	3	0	7.80E-02	1.26E-01	9.48E-02	2.70E-02	1.40E-01	1.26E-01	1.26E-07
	Sweetclover	123789-HxCDD	0	3	0	2.03E-01	3.79E-01	2.67E-01	9.72E-02	4.30E-01	3.79E-01	3.79E-07
	Sweetclover	123789-HxCDF	0	3	0	1.19E-01	2.19E-01	1.54E-01	5.62E-02	2.49E-01	2.19E-01	2.19E-07
	Sweetclover	234678-HxCDF	1	3	33	1.37E-01	2.86E-01	2.06E-01	7.48E-02	3.32E-01	2.86E-01	2.86E-07
	Sweetclover	23478-PeCDD	0	3	0	7.55E-02	1.22E-01	9.18E-02	2.62E-02	1.36E-01	1.22E-01	1.22E-07
	Sweetclover	2378-TCDD	0	3	0	7.83E-02	1.24E-01	9.40E-02	2.56E-02	1.37E-01	1.24E-01	1.24E-07
	Sweetclover	2378-TCDF	0	3	0	6.15E-02	2.74E-01	1.44E-01	1.14E-01	3.36E-01	2.74E-01	2.74E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
45 (cont.)	Sweetclover	OCDD	2	3	67	1.10E+00	2.03E+01	8.48E+00	1.03E+01	2.59E+01	2.03E+01	2.03E-05
	Sweetclover	OCDF	1	3	33	4.23E-01	9.31E-01	7.25E-01	2.67E-01	1.17E+00	9.31E-01	9.31E-07
	Sweetclover	TOTAL HpCDD	0	3	0	2.99E-01	6.61E-01	4.37E-01	1.96E-01	7.67E-01	6.61E-01	6.61E-07
	Sweetclover	TOTAL HpCDF	1	3	33	1.65E-01	3.66E-01	2.93E-01	1.11E-01	4.80E-01	3.66E-01	3.66E-07
	Sweetclover	TOTAL HxCDD	0	3	0	2.04E-01	3.80E-01	2.67E-01	9.74E-02	4.32E-01	3.80E-01	3.80E-07
	Sweetclover	TOTAL HxCDF	2	3	67	1.94E-01	5.92E-01	3.57E-01	2.08E-01	7.08E-01	5.92E-01	5.92E-07
	Sweetclover	TOTAL PeCDD	0	3	0	1.50E-01	2.57E-01	1.86E-01	6.12E-02	2.89E-01	2.57E-01	2.57E-07
	Sweetclover	TOTAL PeCDF	0	3	0	7.65E-02	1.24E-01	9.32E-02	2.67E-02	1.38E-01	1.24E-01	1.24E-07
	Sweetclover	TOTAL TCDD	0	3	0	7.85E-02	1.24E-01	9.40E-02	2.56E-02	1.37E-01	1.24E-01	1.24E-07
	Sweetclover	TOTAL TCDF	2	3	67	9.60E-02	5.49E-01	2.98E-01	2.30E-01	6.86E-01	5.49E-01	5.49E-07
	Gumweed	1234678-HpCDD	0	7	0	1.11E-01	1.52E+00	5.57E-01	4.89E-01	9.16E-01	1.52E+00	1.52E-06
	Gumweed	1234678-HpCDF	0	7	0	5.40E-02	7.32E-01	2.61E-01	3.81E-01	4.34E-01	7.32E-01	7.32E-07
	Gumweed	123478-HxCDD	0	7	0	9.03E-02	1.17E+00	4.23E-01	3.81E-01	7.03E-01	1.17E+00	1.17E-06
	Gumweed	123478-HxCDF	0	7	0	4.80E-02	6.30E-01	2.22E-01	2.06E-01	3.74E-01	6.30E-01	6.30E-07
	Gumweed	1234789-HpCDD	0	7	0	8.90E-02	1.20E+00	4.28E-01	3.85E-01	7.11E-01	1.20E+00	1.20E-06
	Gumweed	123678-HxCDD	0	7	0	7.60E-02	9.80E-01	3.54E-01	3.19E-01	5.88E-01	9.80E-01	9.80E-07
	Gumweed	123678-HxCDF	0	7	0	3.80E-02	5.03E-01	1.77E-01	1.65E-01	2.98E-01	5.03E-01	5.03E-07
	Gumweed	12378-PeCDD	0	7	0	5.40E-02	8.15E-01	2.75E-01	2.72E-01	4.75E-01	8.15E-01	8.15E-07
	Gumweed	12378-PeCDF	1	7	14	4.10E-02	4.96E-01	1.75E-01	1.56E-01	2.90E-01	2.90E-01	2.90E-07
	Gumweed	123789-HxCDD	0	7	0	8.20E-02	1.06E+00	3.84E-01	3.45E-01	6.37E-01	1.06E+00	1.06E-06
	Gumweed	123789-HxCDF	0	7	0	5.10E-02	6.75E-01	2.38E-01	2.21E-01	4.00E-01	6.75E-01	6.75E-07
RSA	Gumweed	23478-PeCDF	1	7	14	8.75E-02	6.05E-01	2.40E-01	1.77E-01	3.69E-01	6.05E-01	6.05E-07
	Gumweed	2378-TCDD	0	7	0	3.50E-02	4.90E-01	1.68E-01	1.51E-01	2.99E-01	2.99E-01	2.99E-07
	Gumweed	2378-TCDF	2	7	29	9.35E-02	8.52E-01	3.91E-01	1.65E-01	2.89E-01	4.90E-01	4.90E-07
	Gumweed	OCDD	3	7	43	7.44E-01	3.55E+00	1.76E+00	1.00E+00	6.30E-01	6.30E-01	6.30E-07
	Gumweed	OCDF	1	7	14	1.29E-01	1.82E+00	6.99E-01	5.59E-01	2.50E+00	2.50E+00	2.50E-06
	Gumweed	TOTAL HpCDD	2	7	29	1.11E-01	1.52E+00	6.48E-01	4.72E-01	1.11E+00	1.11E+00	1.11E-06
	Gumweed	TOTAL HpCDF	0	7	0	6.75E-02	9.09E-01	3.25E-01	2.92E-01	9.95E-01	9.95E-01	9.95E-07
	Gumweed	TOTAL HxCDD	0	7	0	8.25E-02	1.07E+00	3.85E-01	3.46E-01	5.39E-01	9.09E-01	9.09E-07
	Gumweed	TOTAL HxCDF	2	7	29	8.60E-02	5.96E-01	2.77E-01	1.62E-01	3.96E-01	1.07E+00	1.07E-06
	Gumweed	TOTAL PeCDD	0	7	0	5.40E-02	8.15E-01	2.75E-01	2.72E-01	4.75E-01	8.15E-01	8.15E-07
	Gumweed	TOTAL PeCDF	1	7	14	4.00E-02	7.37E-01	2.61E-01	2.59E-01	4.51E-01	4.51E-01	4.51E-07
	Gumweed	TOTAL TCDD	1	7	14	3.50E-02	4.90E-01	1.84E-01	1.59E-01	3.01E-01	3.01E-01	3.01E-07
	Gumweed	TOTAL TCDF	3	7	43	9.35E-02	1.73E+00	7.47E-01	6.91E-01	1.25E+00	1.25E+00	1.25E-06
	Jackrabbit	1234678-HpCDD	0	15	0	4.25E-02	5.62E-01	2.45E-01	1.62E-01	3.19E-01	5.62E-01	5.62E-07
	Jackrabbit	1234678-HpCDF	1	15	7	4.79E-02	4.03E-01	1.60E-01	1.06E-01	2.08E-01	2.08E-01	2.08E-07
	Jackrabbit	123478-HxCDD	0	15	0	4.30E-02	4.91E-01	2.12E-01	1.30E-01	2.71E-01	4.91E-01	4.91E-07
	Jackrabbit	123478-HxCDF	0	15	0	2.25E-02	3.20E-01	1.32E-01	8.51E-02	1.70E-01	3.20E-01	3.20E-07
	Jackrabbit	1234789-HpCDD	0	15	0	3.70E-02	6.24E-01	2.44E-01	1.66E-01	3.20E-01	6.24E-01	6.24E-07
	Jackrabbit	123678-HxCDD	0	15	0	3.60E-02	4.03E-01	1.74E-01	1.07E-01	2.22E-01	4.03E-01	4.03E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
RSA (cont.)	Jackrabbit	123678-HxCDF	0	15	0	1.80E-02	2.40E-01	9.91E-02	6.39E-02	1.28E-01	2.40E-01	2.40E-07
	Jackrabbit	12378-PeCDD	0	15	0	3.00E-02	4.89E-01	1.81E-01	1.19E-01	2.35E-01	4.89E-01	4.89E-07
	Jackrabbit	12378-PeCDF	0	15	0	1.65E-02	3.01E-01	1.10E-01	7.40E-02	1.44E-01	3.01E-01	3.01E-07
	Jackrabbit	123789-HxCDD	0	15	0	3.90E-02	3.54E-01	1.53E-01	9.31E-02	1.96E-01	3.54E-01	3.54E-07
	Jackrabbit	123789-HxCDF	0	15	0	2.40E-02	3.22E-01	1.33E-01	8.56E-02	1.72E-01	3.22E-01	3.22E-07
	Jackrabbit	234678-HxCDF	0	15	0	2.15E-02	3.02E-01	1.28E-01	7.79E-02	1.63E-01	3.02E-01	3.02E-07
	Jackrabbit	23478-PeCDF	0	15	0	1.60E-02	3.03E-01	1.11E-01	7.45E-02	1.45E-01	3.03E-01	3.03E-07
	Jackrabbit	2378-TCDD	0	15	0	1.90E-02	2.80E-01	1.02E-01	6.97E-02	1.34E-01	2.80E-01	2.80E-07
	Jackrabbit	2378-TCDF	0	15	0	1.60E-02	2.33E-01	9.22E-02	6.54E-02	1.22E-01	2.33E-01	2.33E-07
	Jackrabbit	OCDD	1	15	7	1.04E-01	9.01E-01	4.03E-01	2.27E-01	5.08E-01	5.08E-01	5.08E-07
	Jackrabbit	OCDF	0	15	0	5.15E-02	7.40E-01	3.23E-01	1.95E-01	4.14E-01	7.40E-01	7.40E-07
	Jackrabbit	TOTAL HpCDD	0	15	0	4.23E-02	5.62E-01	2.43E-01	1.62E-01	3.19E-01	5.62E-01	5.62E-07
	Jackrabbit	TOTAL HpCDF	1	15	7	4.79E-02	4.92E-01	1.93E-01	1.29E-01	2.52E-01	2.52E-01	2.52E-07
	Jackrabbit	TOTAL HxCDD	0	15	0	3.90E-02	4.08E-01	1.77E-01	1.08E-01	2.26E-01	4.08E-01	4.08E-07
	Jackrabbit	TOTAL HxCDF	1	15	7	2.15E-02	2.92E-01	1.30E-01	7.68E-02	1.65E-01	1.65E-01	1.65E-07
	Jackrabbit	TOTAL PeCDD	0	15	0	3.00E-02	4.89E-01	1.81E-01	1.19E-01	2.35E-01	4.89E-01	4.89E-07
	Jackrabbit	TOTAL PeCDF	1	15	7	1.60E-02	3.02E-01	1.21E-01	7.61E-02	1.56E-01	1.56E-01	1.56E-07
	Jackrabbit	TOTAL TCDD	0	15	0	1.90E-02	2.80E-01	1.02E-01	6.97E-02	1.34E-01	2.80E-01	2.80E-07
	Jackrabbit	TOTAL TCDF	1	15	7	1.60E-02	7.55E-01	1.27E-01	1.82E-01	2.10E-01	2.10E-01	2.10E-07
	Rabbitbrush	1234678-HpCDD	5	15	33	1.08E-01	2.02E+00	7.23E-01	5.58E-01	9.76E-01	9.76E-01	9.76E-07
	Rabbitbrush	1234678-HpCDF	5	15	33	5.80E-02	1.99E+00	4.28E-01	4.88E-01	6.50E-01	6.50E-01	6.50E-07
	Rabbitbrush	123478-HxCDD	0	15	0	8.30E-02	1.03E+00	2.96E-01	2.61E-01	4.14E-01	1.03E+00	1.03E-06
	Rabbitbrush	123478-HxCDF	1	15	7	4.60E-02	7.26E-01	2.18E-01	2.15E-01	3.15E-01	3.15E-01	3.15E-07
	Rabbitbrush	1234789-HpCDF	0	15	0	8.05E-02	1.30E+00	3.17E-01	3.17E-01	4.61E-01	1.30E+00	1.30E-06
	Rabbitbrush	123678-HxCDD	0	15	0	6.95E-02	8.45E-01	2.44E-01	2.14E-01	3.41E-01	8.45E-01	8.45E-07
	Rabbitbrush	123678-HxCDF	0	15	0	3.70E-02	4.99E-01	1.32E-01	1.24E-01	1.88E-01	4.99E-01	4.99E-07
	Rabbitbrush	12378-PeCDD	0	15	0	5.95E-02	8.01E-01	2.31E-01	2.20E-01	3.32E-01	8.01E-01	8.01E-07
	Rabbitbrush	12378-PeCDF	0	15	0	3.65E-02	5.12E-01	1.43E-01	1.40E-01	2.06E-01	5.12E-01	5.12E-07
	Rabbitbrush	123789-HxCDD	0	15	0	7.50E-02	7.43E-01	2.24E-01	1.88E-01	3.10E-01	7.43E-01	7.43E-07
	Rabbitbrush	123789-HxCDF	0	15	0	4.95E-02	6.68E-01	1.77E-01	1.66E-01	2.52E-01	6.68E-01	6.68E-07
	Rabbitbrush	234678-HxCDF	2	15	13	4.50E-02	6.26E-01	2.18E-01	1.48E-01	2.85E-01	2.85E-01	2.85E-07
	Rabbitbrush	23478-PeCDF	0	15	0	3.50E-02	5.16E-01	1.43E-01	1.42E-01	2.07E-01	5.16E-01	5.16E-07
	Rabbitbrush	2378-TCDD	0	15	0	3.60E-02	3.60E-01	1.20E-01	1.03E-01	1.66E-01	3.60E-01	3.60E-07
	Rabbitbrush	2378-TCDF	3	15	20	3.10E-02	5.45E-01	1.63E-01	1.47E-01	2.30E-01	2.30E-01	2.30E-07
	Rabbitbrush	OCDD	5	15	33	1.52E-01	1.04E+01	2.65E+00	3.22E+00	4.11E+00	4.11E+00	4.11E-06
	Rabbitbrush	OCDF	5	15	33	1.79E-01	2.63E+00	7.97E-01	7.26E-01	1.13E+00	1.13E+00	1.13E-06
	Rabbitbrush	TOTAL HpCDD	5	15	33	1.08E-01	3.96E+00	1.01E+00	1.11E+00	1.51E+00	1.51E+00	1.51E-06
	Rabbitbrush	TOTAL HpCDF	5	15	33	7.20E-02	1.99E+00	4.98E-01	5.21E-01	7.34E-01	7.34E-01	7.34E-07
	Rabbitbrush	TOTAL HxCDD	0	15	0	7.55E-02	8.58E-01	2.86E-01	2.33E-01	3.92E-01	8.58E-01	8.58E-07
	Rabbitbrush	TOTAL HxCDF	4	15	27	4.40E-02	5.04E+00	5.77E-01	1.25E+00	1.14E+00	1.14E+00	1.14E-06
	Rabbitbrush	TOTAL PeCDD	2	15	13	5.95E-02	8.01E-01	2.52E-01	2.11E-01	3.48E-01	3.48E-01	3.48E-07

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
RSA (cont.)	Rabbitbrush	TOTAL PeCDF	4	15	27	4.20E-02	5.14E-01	2.05E-01	1.30E-01	2.65E-01	2.65E-01	2.65E-07
	Rabbitbrush	TOTAL TCDD	5	15	33	4.25E-02	3.60E-01	1.61E-01	9.25E-02	2.03E-01	2.03E-01	2.03E-07
	Rabbitbrush	TOTAL TCDF	5	15	33	3.45E-02	1.72E+00	3.11E-01	4.33E-01	5.07E-01	5.07E-01	5.07E-07
	Sweetclover	1234678-HpCDD	3	15	20	1.09E-01	3.19E+00	5.82E-01	7.75E-01	9.34E-01	9.34E-01	9.34E-07
	Sweetclover	1234678-HpCDF	5	15	33	5.80E-02	1.00E+01	8.78E-01	2.54E+00	2.03E+00	2.03E+00	2.03E-06
	Sweetclover	123478-HxCDD	1	15	7	6.60E-02	5.61E-01	2.25E-01	1.49E-01	2.92E-01	2.92E-01	2.92E-07
	Sweetclover	123478-HxCDF	1	15	7	3.05E-02	1.34E+00	2.04E-01	3.24E-01	3.51E-01	3.51E-01	3.51E-07
	Sweetclover	123678-HxCDD	0	15	0	7.45E-02	4.35E-01	2.06E-01	1.09E-01	2.56E-01	2.56E-01	2.56E-07
	Sweetclover	123678-HxCDF	2	15	13	5.55E-02	5.99E-01	2.13E-01	1.62E-01	2.87E-01	2.87E-01	2.87E-07
	Sweetclover	12378-HxCDD	0	15	0	2.45E-02	4.43E-01	1.34E-01	1.23E-01	1.89E-01	1.89E-01	1.89E-07
	Sweetclover	12378-HxCDF	0	15	0	3.70E-02	3.52E-01	1.34E-01	1.34E-01	1.73E-01	1.73E-01	1.73E-07
	Sweetclover	123789-HxCDD	2	15	13	1.80E-02	2.41E-01	7.78E-02	5.89E-02	1.05E-01	1.05E-01	1.05E-07
	Sweetclover	123789-HxCDF	2	15	13	6.00E-02	5.70E-01	2.17E-01	1.45E-01	2.82E-01	2.82E-01	2.82E-07
	Sweetclover	234678-HxCDF	9	15	60	3.30E-02	4.78E-01	1.50E-01	1.30E-01	2.09E-01	2.09E-01	2.09E-07
	Sweetclover	23478-HxCDF	1	15	7	5.65E-02	7.76E-01	2.66E-01	1.80E-01	3.48E-01	3.48E-01	3.48E-07
	Sweetclover	2378-TCDD	0	15	0	1.75E-02	4.68E-01	1.01E-01	1.16E-01	1.54E-01	1.54E-01	1.54E-07
	Sweetclover	2378-TCDF	0	15	0	1.65E-02	2.53E-01	8.04E-02	6.24E-02	1.09E-01	1.09E-01	1.09E-07
	Sweetclover	OCDD	1	15	7	1.35E-02	2.48E-01	1.03E-01	6.63E-02	1.33E-01	1.33E-01	1.33E-07
	Sweetclover	OCDF	6	15	40	5.61E-01	3.21E+01	4.09E+00	7.86E+00	7.66E+00	7.66E+00	7.66E-06
	Sweetclover	TOTAL HpCDD	7	15	47	1.56E-01	1.89E+01	1.86E+00	4.74E+00	4.01E+00	4.01E+00	4.01E-06
	Sweetclover	TOTAL HpCDF	6	15	47	1.28E-01	6.29E+00	9.20E-01	1.53E+00	1.62E+00	1.62E+00	1.62E-06
	Sweetclover	TOTAL HxCDD	3	15	20	7.20E-02	1.05E+01	9.83E-01	2.64E+00	2.18E+00	2.18E+00	2.18E-06
	Sweetclover	TOTAL HxCDF	10	15	67	6.00E-02	1.73E+00	3.50E-01	4.17E-01	5.40E-01	5.40E-01	5.40E-07
	Sweetclover	TOTAL PeCDD	0	15	0	5.53E-02	3.57E+00	5.46E-01	9.23E-01	9.66E-01	9.66E-01	9.66E-07
	Sweetclover	TOTAL PeCDF	6	15	40	3.70E-02	3.52E-01	1.34E-01	8.69E-02	1.73E-01	1.73E-01	1.73E-07
	Sweetclover	TOTAL TCDD	5	15	33	3.80E-02	4.68E-01	1.58E-01	1.28E-01	2.16E-01	2.16E-01	2.16E-07
	Sweetclover	TOTAL TCDF	7	15	47	4.50E-02	2.53E-01	1.14E-01	5.87E-02	1.40E-01	1.40E-01	1.40E-07
10 ^(b)	Jackrabbit	1234678-HpCDD	0	0	0	2.10E-02	1.09E+00	2.46E-01	2.80E-01	3.73E-01	3.73E-01	3.73E-07
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	1.49E-07
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
10 (cont.)	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	3.04E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	5.22E-08
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	4.06E-07
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	1.49E-07
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	3.04E-07
	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	5.22E-08
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	6.97E-07
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
11	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	7.35E-08
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	1.03E-07
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	2.10E-05
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	6.97E-07
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	7.35E-08
	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	1.03E-07
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	2.66E-07
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
12	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
12 (cont.)	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	1.11E-07
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	6.95E-08
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	9.82E-07
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	2.66E-07
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	1.11E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	6.95E-08
	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	7.47E-06
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	4.03E-07
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	7.53E-08
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	1.29E-04
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	7.47E-06
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
15	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05

Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
15 (cont.)	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	4.03E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	7.53E-08
21	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	3.98E-07
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	2.25E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	1.42E-07
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	1.01E-05
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	3.98E-07
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	2.25E-07
37	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	1.42E-07
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	2.46E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05

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Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
1c (cont.)	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	1.43E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	7.22E-08
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	2.10E-06
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	1.88E-07
	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	1.43E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	7.22E-08
	Jackrabbit	1234678-HpCDD	0	0	0	0	0	0	0	0	0	3.44E-06
	Jackrabbit	1234678-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123478-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	1234789-HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	12378-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	123789-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	234678-HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	23478-PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	2378-TCDD	0	0	0	0	0	0	0	0	0	2.03E-07
	Jackrabbit	2378-TCDF	0	0	0	0	0	0	0	0	0	8.75E-08
	Jackrabbit	OCDD	0	0	0	0	0	0	0	0	0	1.76E-05
	Jackrabbit	OCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HpCDD	0	0	0	0	0	0	0	0	0	3.44E-06

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Summary Statistics for Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
42 (cont.)	Jackrabbit	TOTAL HpCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL HxCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDD	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL PeCDF	0	0	0	0	0	0	0	0	0	5.82E-05
	Jackrabbit	TOTAL TCDD	0	0	0	0	0	0	0	0	0	2.03E-07
	Jackrabbit	TOTAL TCDF	0	0	0	0	0	0	0	0	0	8.75E-08

^aNot applicable

^bItalics indicate that the Cterm value represents modeled or calculated data, or data based on 1/2 the method detection limit

Summary Statistics for Dioxins/Furans in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
10/11	Beetle	1234678-HpCDD	1	1	100	3.44E+01	3.44E+01	3.44E+01	NA ^(a)	NA	3.44E+01	3.44E-05
	Beetle	1234678-HpCDF	1	1	100	1.31E+01	1.31E+01	1.31E+01	NA	NA	1.31E+01	1.31E-05
	Beetle	123478-HxCDD	1	1	100	1.08E+00	1.08E+00	1.08E+00	NA	NA	1.08E+00	1.08E-06
	Beetle	123478-HxCDF	1	1	100	9.00E-01	9.00E-01	9.00E-01	NA	NA	9.00E-01	9.00E-07
	Beetle	1234789-HpCDF	0	1	0	7.98E-01	7.98E-01	7.98E-01	NA	NA	7.98E-01	7.98E-07
	Beetle	123678-HxCDD	1	1	100	1.53E+00	1.53E+00	1.53E+00	NA	NA	1.53E+00	1.53E-06
	Beetle	123678-HxCDF	1	1	100	1.75E+00	1.75E+00	1.75E+00	NA	NA	1.75E+00	1.75E-06
	Beetle	12378-PeCDD	0	1	0	5.13E-01	5.13E-01	5.13E-01	NA	NA	5.13E-01	5.13E-07
	Beetle	12378-PeCDF	0	1	0	3.79E-01	3.79E-01	3.79E-01	NA	NA	3.79E-01	3.79E-07
	Beetle	123789-HxCDD	0	1	0	5.74E-01	5.74E-01	5.74E-01	NA	NA	5.74E-01	5.74E-07
	Beetle	123789-HxCDF	0	1	0	4.29E-01	4.29E-01	4.29E-01	NA	NA	4.29E-01	4.29E-07
	Beetle	234678-HxCDF	1	1	100	3.69E+00	3.69E+00	3.69E+00	NA	NA	3.69E+00	3.69E-06
	Beetle	23478-PeCDF	1	1	100	1.59E+00	1.59E+00	1.59E+00	NA	NA	1.59E+00	1.59E-06
	Beetle	2378-TCDD	0	1	0	3.27E-01	3.27E-01	3.27E-01	NA	NA	3.27E-01	3.27E-07
	Beetle	2378-TCDF	0	1	0	2.82E-01	2.82E-01	2.82E-01	NA	NA	2.82E-01	2.82E-07
	Beetle	OCDD	1	1	100	6.50E+01	6.50E+01	6.50E+01	NA	NA	6.50E+01	6.50E-05
	Beetle	OCDF	1	1	100	6.96E+00	6.96E+00	6.96E+00	NA	NA	6.96E+00	6.96E-06
	Beetle	TOTAL HpCDD	1	1	100	3.44E+01	3.44E+01	3.44E+01	NA	NA	3.44E+01	3.44E-05
	Beetle	TOTAL HpCDF	1	1	100	1.31E+01	1.31E+01	1.31E+01	NA	NA	1.31E+01	1.31E-05
	Beetle	TOTAL HxCDD	1	1	100	4.08E+00	4.08E+00	4.08E+00	NA	NA	4.08E+00	4.08E-06
	Beetle	TOTAL HxCDF	1	1	100	2.63E+01	2.63E+01	2.63E+01	NA	NA	2.63E+01	2.63E-05
	Beetle	TOTAL PeCDD	0	1	0	5.13E-01	5.13E-01	5.13E-01	NA	NA	5.13E-01	5.13E-07
	Beetle	TOTAL PeCDF	1	1	100	7.49E+01	7.49E+01	7.49E+01	NA	NA	7.49E+01	7.49E-05
	Beetle	TOTAL TCDD	0	1	0	3.27E-01	3.27E-01	3.27E-01	NA	NA	3.27E-01	3.27E-07
	Beetle	TOTAL TCDF	1	1	100	2.36E+01	2.36E+01	2.36E+01	NA	NA	2.36E+01	2.36E-05
	Grasshopper	1234678-HpCDD	1	3	33	1.40E-01	8.34E-01	3.99E-01	3.79E-01	1.04E+00	8.34E-01	8.34E-07
	Grasshopper	1234678-HpCDF	0	3	0	5.50E-02	5.23E-01	2.23E-01	2.61E-01	6.62E-01	5.23E-01	5.23E-07
	Grasshopper	123478-HxCDD	0	3	0	9.90E-02	7.57E-01	3.35E-01	3.66E-01	9.52E-01	7.57E-01	7.57E-07
	Grasshopper	123478-HxCDF	0	3	0	7.60E-02	5.52E-01	2.47E-01	2.65E-01	6.94E-01	5.52E-01	5.52E-07
	Grasshopper	1234789-HpCDF	0	3	0	9.05E-02	7.14E-01	3.09E-01	3.51E-01	9.01E-01	7.14E-01	7.14E-07
	Grasshopper	123678-HxCDD	0	3	0	9.65E-02	7.39E-01	3.27E-01	3.57E-01	9.30E-01	7.39E-01	7.39E-07
	Grasshopper	123678-HxCDF	0	3	0	5.70E-02	4.15E-01	1.85E-01	1.99E-01	5.21E-01	4.15E-01	4.15E-07
	Grasshopper	12378-PeCDD	0	3	0	9.70E-02	7.18E-01	3.23E-01	3.43E-01	9.02E-01	7.18E-01	7.18E-07
	Grasshopper	12378-PeCDF	0	3	0	7.25E-02	5.25E-01	2.38E-01	2.50E-01	6.59E-01	5.25E-01	5.25E-07
	Grasshopper	123789-HxCDD	0	3	0	8.75E-02	6.70E-01	2.97E-01	3.24E-01	8.42E-01	6.70E-01	6.70E-07
	Grasshopper	123789-HxCDF	0	3	0	7.25E-02	5.28E-01	2.36E-01	2.54E-01	6.63E-01	5.28E-01	5.28E-07
	Grasshopper	234678-HxCDF	0	3	0	1.06E-01	5.23E-01	2.58E-01	2.30E-01	6.46E-01	5.23E-01	5.23E-07
	Grasshopper	23478-PeCDD	0	3	0	6.60E-02	4.80E-01	2.17E-01	2.28E-01	6.02E-01	4.80E-01	4.80E-07
	Grasshopper	2378-TCDD	0	3	0	8.35E-02	4.82E-01	2.28E-01	2.21E-01	5.99E-01	4.82E-01	4.82E-07
	Grasshopper	2378-TCDF	0	3	0	7.55E-02	4.17E-01	1.99E-01	1.89E-01	5.18E-01	4.17E-01	4.17E-07
	Grasshopper	OCDD	2	3	67	1.57E+00	1.98E+00	1.76E+00	2.05E-01	2.11E+00	1.98E+00	1.98E-06

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number 10/11 (cont.)	Matrix	Analyte	Number		%	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
			of Detects	of Samples								
12/15	Grasshopper	OCDF	0	3	0	1.90E-01	1.43E+00	6.08E-01	7.10E-01	1.80E+00	1.43E+00	1.43E-06
	Grasshopper	TOTAL HpCDD	2	3	67	2.24E-01	8.34E-01	4.51E-01	3.33E-01	1.01E+00	8.34E-01	8.34E-07
	Grasshopper	TOTAL HpCDF	0	3	0	5.50E-02	6.04E-01	2.54E-01	3.03E-01	7.66E-01	6.04E-01	6.04E-07
	Grasshopper	TOTAL HxCDD	0	3	0	9.40E-02	7.20E-01	3.19E-01	3.48E-01	9.05E-01	7.20E-01	7.20E-07
	Grasshopper	TOTAL HxCDF	0	3	0	1.01E-01	4.98E-01	2.48E-01	2.18E-01	6.15E-01	4.98E-01	4.98E-07
	Grasshopper	TOTAL PeCDD	0	3	0	9.70E-02	7.18E-01	3.23E-01	3.43E-01	9.02E-01	7.18E-01	7.18E-07
	Grasshopper	TOTAL PeCDF	0	3	0	6.90E-02	5.02E-01	2.27E-01	2.39E-01	6.29E-01	5.02E-01	5.02E-07
	Grasshopper	TOTAL TCDD	0	3	0	8.35E-02	4.82E-01	2.28E-01	2.21E-01	5.99E-01	4.82E-01	4.82E-07
	Grasshopper	TOTAL TCDF	0	3	0	7.55E-02	4.17E-01	1.99E-01	1.89E-01	5.18E-01	4.17E-01	4.17E-07
	Grasshopper	TOTAL TCDF	0	3	0	1.18E+00	3.90E+00	2.42E+00	1.12E+00	3.74E+00	3.74E+00	3.74E-06
	Grasshopper	1234678-HpCDD	1	4	25	3.97E-01	1.25E+00	8.64E-01	3.84E-01	1.32E+00	1.25E+00	1.25E-06
	Grasshopper	123478-HxCDD	0	4	0	7.51E-01	1.83E+00	1.29E+00	4.39E-01	1.81E+00	1.83E+00	1.83E-06
	Grasshopper	123478-HxCDF	0	4	0	4.88E-01	9.74E-01	7.81E-01	2.07E-01	1.02E+00	9.74E-01	9.74E-07
	Grasshopper	1234789-HpCDF	0	4	0	5.42E-01	1.71E+00	1.18E+00	5.24E-01	1.80E+00	1.71E+00	1.71E-06
	Grasshopper	123678-HxCDD	0	4	0	7.34E-01	1.78E+00	1.26E+00	4.28E-01	1.77E+00	1.78E+00	1.78E-06
1b/1c	Grasshopper	123678-HxCDF	0	4	0	3.67E-01	7.33E-01	5.87E-01	1.56E-01	7.70E-01	7.33E-01	7.33E-07
	Grasshopper	12378-PeCDD	0	3	0	4.39E-01	8.01E-01	6.76E-01	2.06E-01	1.02E+00	8.01E-01	8.01E-07
	Grasshopper	12378-PeCDF	0	3	0	2.88E-01	5.33E-01	4.51E-01	1.41E-01	6.88E-01	5.33E-01	5.33E-07
	Grasshopper	123789-HxCDD	0	4	0	6.64E-01	1.61E+00	1.14E+00	3.88E-01	1.60E+00	1.61E+00	1.61E-06
	Grasshopper	123789-HxCDF	0	4	0	4.67E-01	9.32E-01	7.47E-01	1.98E-01	9.80E-01	9.32E-01	9.32E-07
	Grasshopper	234678-HxCDF	0	4	0	4.62E-01	9.22E-01	7.40E-01	1.96E-01	9.70E-01	9.22E-01	9.22E-07
	Grasshopper	23478-PeCDD	0	4	0	2.63E-01	1.68E+00	7.29E-01	6.43E-01	1.49E+00	1.68E+00	1.68E-06
	Grasshopper	2378-TCDD	0	3	0	2.36E-01	4.45E-01	3.68E-01	1.15E-01	5.61E-01	4.45E-01	4.45E-07
	Grasshopper	2378-TCDF	0	3	0	2.06E-01	3.73E-01	3.15E-01	9.43E-02	4.74E-01	3.73E-01	3.73E-07
	Grasshopper	OCDD	1	4	25	1.58E+00	3.28E+01	1.07E+01	1.49E+01	2.82E+01	2.82E+01	2.82E-05
	Grasshopper	OCDF	0	4	0	1.30E+00	5.10E+00	3.54E+00	1.61E+00	5.43E+00	5.10E+00	5.10E-06
	Grasshopper	TOTAL HpCDD	1	4	25	1.18E+00	3.90E+00	2.42E+00	1.12E+00	3.74E+00	3.74E+00	3.74E-06
	Grasshopper	TOTAL HpCDF	0	4	0	4.58E-01	1.44E+00	9.97E-01	4.43E-01	1.52E+00	1.44E+00	1.44E-06
	Grasshopper	TOTAL HxCDD	0	4	0	7.14E-01	1.74E+00	1.23E+00	4.17E-01	1.72E+00	1.74E+00	1.74E-06
	Grasshopper	TOTAL HxCDF	0	4	0	4.41E-01	8.80E-01	7.05E-01	1.87E-01	9.25E-01	8.80E-01	8.80E-07
1b/1c	Grasshopper	TOTAL PeCDD	0	3	0	4.39E-01	8.01E-01	6.76E-01	2.06E-01	1.02E+00	8.01E-01	8.01E-07
	Grasshopper	TOTAL PeCDF	0	3	0	2.75E-01	5.09E-01	4.30E-01	1.35E-01	6.57E-01	5.09E-01	5.09E-07
	Grasshopper	TOTAL TCDD	0	3	0	2.36E-01	4.45E-01	3.68E-01	1.15E-01	5.61E-01	4.45E-01	4.45E-07
	Grasshopper	TOTAL TCDF	0	3	0	2.06E-01	3.73E-01	3.15E-01	9.43E-02	4.74E-01	3.73E-01	3.73E-07
	Grasshopper	1234678-HpCDD	1	2	50	1.54E-01	2.71E+00	1.43E+00	1.80E+00	9.48E+00	2.71E+00	2.71E-06
	Grasshopper	1234678-HpCDF	0	2	0	8.00E-02	9.10E-02	8.55E-02	7.78E-03	1.20E-01	9.10E-02	9.10E-08
	Grasshopper	123478-HxCDD	0	2	0	9.90E-02	1.45E-01	1.22E-01	3.22E-02	2.65E-01	1.45E-01	1.45E-07
	Grasshopper	123478-HxCDF	1	2	50	8.96E-02	9.70E-02	9.33E-02	5.23E-03	1.17E-01	9.70E-02	9.70E-08
	Grasshopper	1234789-HpCDF	0	2	0	9.55E-02	1.25E-01	1.10E-01	2.05E-02	2.02E-01	1.25E-01	1.25E-07
	Grasshopper	123678-HxCDD	0	2	0	9.65E-02	1.42E-01	1.19E-01	3.18E-02	2.61E-01	1.42E-01	1.42E-07
	Grasshopper	123678-HxCDF	0	2	0	5.75E-02	7.30E-02	6.53E-02	1.10E-02	1.14E-01	7.30E-02	7.30E-08

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
1b/1c (cont.)	Grasshopper	12378-PeCDD	0	2	0	9.90E-02	1.22E-01	1.10E-01	1.59E-02	1.81E-01	1.22E-01	1.22E-07
	Grasshopper	12378-PeCDF	0	2	0	7.50E-02	8.70E-02	8.10E-02	8.49E-03	1.19E-01	8.70E-02	8.70E-08
	Grasshopper	123789-HxCDD	0	2	0	8.75E-02	1.28E-01	1.08E-01	2.86E-02	2.36E-01	1.28E-01	1.28E-07
	Grasshopper	123789-HxCDF	0	2	0	7.35E-02	9.30E-02	8.33E-02	1.38E-02	1.45E-01	9.30E-02	9.30E-08
	Grasshopper	234678-HxCDF	0	2	0	9.20E-02	1.75E-01	1.34E-01	5.87E-02	3.96E-01	1.75E-01	1.75E-07
	Grasshopper	23478-PeCDF	0	2	0	6.85E-02	7.95E-02	7.40E-02	7.78E-03	1.09E-01	7.95E-02	7.95E-08
	Grasshopper	2378-TCDD	0	2	0	8.30E-02	9.50E-02	8.90E-02	8.49E-03	1.27E-01	9.50E-02	9.50E-08
	Grasshopper	2378-TCDF	0	2	0	7.25E-02	8.35E-02	7.80E-02	7.78E-03	1.13E-01	8.35E-02	8.35E-08
	Grasshopper	OCDD	2	2	100	1.65E+00	7.71E+00	4.68E+00	4.29E+00	2.38E+01	7.71E+00	7.71E-06
	Grasshopper	OCDF	1	2	50	2.01E-01	4.05E-01	3.03E-01	1.44E-01	9.48E-01	4.05E-01	4.05E-07
	Grasshopper	TOTAL HpCDD	2	2	100	3.08E-01	3.51E+00	1.91E+00	2.26E+00	1.20E+01	3.51E+00	3.51E-06
	Grasshopper	TOTAL HpCDF	0	2	0	8.10E-02	1.05E-01	9.30E-02	1.70E-02	1.69E-01	1.05E-01	1.05E-07
	Grasshopper	TOTAL HxCDD	0	2	0	9.40E-02	1.38E-01	1.16E-01	3.08E-02	2.53E-01	1.38E-01	1.38E-07
	Grasshopper	TOTAL HxCDF	1	2	50	8.75E-02	8.96E-02	8.86E-02	1.48E-03	9.52E-02	8.96E-02	8.96E-08
	Grasshopper	TOTAL PeCDD	0	2	0	9.90E-02	1.22E-01	1.10E-01	1.59E-02	1.81E-01	1.22E-01	1.22E-07
	Grasshopper	TOTAL PeCDF	0	2	0	7.15E-02	8.30E-02	7.73E-02	8.13E-03	1.14E-01	8.30E-02	8.30E-08
	Grasshopper	TOTAL TCDD	0	2	0	8.30E-02	9.50E-02	8.90E-02	8.49E-03	1.27E-01	9.50E-02	9.50E-08
	Grasshopper	TOTAL TCDF	0	2	0	7.25E-02	8.35E-02	7.80E-02	7.78E-03	1.13E-01	8.35E-02	8.35E-08
	Grasshopper	1234678-HpCDD	2	2	100	1.69E+01	1.86E+01	1.77E+01	1.25E+00	2.33E+01	1.86E+01	1.86E-05
	Beetle	1234678-HpCDF	0	2	0	4.25E-01	5.00E-01	4.63E-01	5.30E-02	6.99E-01	5.00E-01	5.00E-07
	Beetle	123478-HxCDD	1	2	50	6.16E-01	7.22E-01	6.69E-01	7.34E-02	1.01E+00	7.22E-01	7.22E-07
21/37	Beetle	123478-HxCDF	1	2	50	3.18E-01	4.24E-01	3.71E-01	7.48E-02	7.05E-01	4.24E-01	4.24E-07
	Beetle	1234789-HpCDF	0	2	0	2.02E-01	9.11E-01	5.56E-01	5.02E-01	2.80E+00	9.11E-01	9.11E-07
	Beetle	123678-HxCDD	2	2	100	1.27E+00	1.69E+00	1.48E+00	2.98E-01	2.81E+00	1.69E+00	1.69E-06
	Beetle	123678-HxCDF	0	2	0	4.50E-02	3.19E-01	1.82E-01	1.94E-01	1.05E+00	3.19E-01	3.19E-07
	Beetle	12378-PeCDD	0	2	0	4.10E-01	4.15E-01	4.13E-01	3.54E-03	4.28E-01	4.15E-01	4.15E-07
	Beetle	12378-PeCDF	0	2	0	6.95E-02	2.83E-01	1.76E-01	1.51E-01	8.50E-01	2.83E-01	2.83E-07
	Beetle	123789-HxCDD	1	2	50	4.65E-01	1.50E+00	9.81E-01	7.29E-01	4.24E+00	1.50E+00	1.50E-06
	Beetle	123789-HxCDF	0	2	0	9.55E-02	4.06E-01	2.51E-01	2.20E-01	1.23E+00	4.06E-01	4.06E-07
	Beetle	234678-HxCDF	0	2	0	9.45E-02	3.75E-01	2.35E-01	1.98E-01	1.12E+00	3.75E-01	3.75E-07
	Beetle	23478-PeCDF	1	2	50	2.59E-01	2.81E-01	2.70E-01	1.59E-02	3.41E-01	2.81E-01	2.81E-07
	Beetle	2378-TCDD	1	2	50	2.56E-01	2.97E-01	2.76E-01	2.88E-02	4.05E-01	2.97E-01	2.97E-07
	Beetle	2378-TCDF	0	2	0	5.50E-02	2.23E-01	1.39E-01	1.19E-01	6.69E-01	2.23E-01	2.23E-07
	Beetle	OCDD	1	2	50	1.27E+00	3.03E+00	2.15E+00	1.24E+00	7.70E+00	3.03E+00	3.03E-06
	Beetle	OCDF	0	2	0	2.62E-01	2.48E+00	1.37E+00	1.57E+00	8.39E+00	2.48E+00	2.48E-06
	Beetle	TOTAL HpCDD	2	2	100	2.85E+01	2.95E+01	2.90E+01	6.54E-01	3.19E+01	2.95E+01	2.95E-05
	Beetle	TOTAL HpCDF	0	2	0	5.00E-01	7.00E-01	6.00E-01	1.41E-01	1.23E+00	7.00E-01	7.00E-07
	Beetle	TOTAL HxCDD	2	2	100	7.78E+00	9.04E+00	8.41E+00	8.88E-01	1.24E+01	9.04E+00	9.04E-06
	Beetle	TOTAL HxCDF	2	2	100	1.02E+00	3.37E+00	2.19E+00	1.67E+00	9.63E+00	3.37E+00	3.37E-06
	Beetle	TOTAL PeCDD	1	2	50	4.10E-01	2.30E+00	1.36E+00	1.34E+00	7.34E+00	2.30E+00	2.30E-06
	Beetle	TOTAL PeCDF	1	2	50	2.71E-01	1.38E+00	8.27E-01	7.87E-01	4.34E+00	1.38E+00	1.38E-06

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
21/37 (cont.)	Beetle	TOTAL TCDD	1	2	50	2.56E-01	8.74E-01	5.65E-01	4.37E-01	2.51E+00	8.74E-01	8.74E-07
	Beetle	TOTAL TCDF	1	2	50	2.23E-01	4.75E-01	3.49E-01	1.78E-01	1.14E+00	4.75E-01	4.75E-07
	Grasshopper	1234678-HpCDD	2	4	50	1.62E+00	1.96E+00	1.80E+00	1.79E-01	2.01E+00	1.96E+00	1.96E-06
	Grasshopper	1234678-HpCDF	0	4	0	7.84E-01	1.12E+00	9.03E-01	1.46E-01	1.07E+00	1.12E+00	1.12E-06
	Grasshopper	123478-HxCDD	0	4	0	8.82E-01	1.17E+00	9.93E-01	1.27E-01	1.14E+00	1.17E+00	1.17E-06
	Grasshopper	123478-HxCDF	0	4	0	5.61E-01	7.54E-01	6.47E-01	8.25E-02	7.44E-01	7.54E-01	7.54E-07
	Grasshopper	1234789-HpCDF	0	4	0	1.07E+00	1.52E+00	1.23E+00	2.00E-01	1.47E+00	1.52E+00	1.52E-06
	Grasshopper	123678-HxCDD	0	4	0	8.62E-01	1.14E+00	9.70E-01	1.24E-01	1.12E+00	1.14E+00	1.14E-06
	Grasshopper	123678-HxCDF	0	4	0	4.22E-01	5.67E-01	4.87E-01	6.21E-02	5.60E-01	5.67E-01	5.67E-07
	Grasshopper	12378-PeCDD	0	4	0	5.51E-01	7.58E-01	6.23E-01	9.63E-02	7.36E-01	7.58E-01	7.58E-07
	Grasshopper	12378-PeCDF	0	4	0	3.66E-01	5.13E-01	4.15E-01	6.64E-02	4.93E-01	5.13E-01	5.13E-07
	Grasshopper	123789-HxCDD	0	4	0	7.80E-01	1.21E+00	8.78E-01	1.12E-01	1.01E+00	1.03E+00	1.03E-06
	Grasshopper	123789-HxCDF	0	4	0	5.37E-01	7.02E-01	6.19E-01	7.91E-02	7.12E-01	7.21E-01	7.21E-07
	Grasshopper	234678-HxCDF	0	4	0	5.32E-01	7.14E-01	6.13E-01	7.81E-02	7.04E-01	7.14E-01	7.14E-07
	Grasshopper	23478-PeCDF	0	4	0	3.35E-01	4.68E-01	3.79E-01	6.03E-02	4.50E-01	4.68E-01	4.68E-07
	Grasshopper	2378-TCDD	0	4	0	2.97E-01	4.40E-01	3.42E-01	6.69E-02	4.21E-01	4.40E-01	4.40E-07
	Grasshopper	2378-TCDF	0	4	0	2.60E-01	3.92E-01	3.01E-01	6.19E-02	3.74E-01	3.92E-01	3.92E-07
	Grasshopper	OCDD	0	4	0	2.45E+00	4.99E+00	3.74E+00	1.37E+00	5.35E+00	4.99E+00	4.99E-06
	Grasshopper	OCDF	0	4	0	3.42E+00	4.51E+00	3.91E+00	4.91E-01	4.49E+00	4.51E+00	4.51E-06
	Grasshopper	TOTAL HpCDD	2	4	50	1.62E+00	1.96E+00	1.80E+00	1.79E-01	2.01E+00	1.96E+00	1.96E-06
	Grasshopper	TOTAL HpCDF	0	4	0	9.05E-01	1.29E+00	1.04E+00	1.69E-01	1.24E+00	1.29E+00	1.29E-06
42/45	Grasshopper	TOTAL HxCDD	0	4	0	8.39E-01	1.11E+00	9.44E-01	1.21E-01	1.09E+00	1.11E+00	1.11E-06
	Grasshopper	TOTAL HxCDF	0	4	0	5.07E-01	6.81E-01	5.84E-01	7.46E-02	6.72E-01	6.81E-01	6.81E-07
	Grasshopper	TOTAL PeCDD	0	4	0	5.51E-01	7.58E-01	6.23E-01	9.65E-02	7.36E-01	7.58E-01	7.58E-07
	Grasshopper	TOTAL PeCDF	0	4	0	3.50E-01	4.89E-01	3.96E-01	6.32E-02	4.70E-01	4.89E-01	4.89E-07
	Grasshopper	TOTAL TCDD	0	4	0	2.97E-01	4.40E-01	3.42E-01	6.69E-02	4.21E-01	4.40E-01	4.40E-07
	Grasshopper	TOTAL TCDF	0	4	0	2.60E-01	3.92E-01	3.01E-01	6.19E-02	3.74E-01	3.92E-01	3.92E-07
	Beetle	1234678-HpCDD	1	1	100	7.83E+00	7.83E+00	7.83E+00	NA	NA	7.83E+00	7.83E-06
	Beetle	1234678-HpCDF	0	1	0	1.70E-01	1.70E-01	1.70E-01	NA	NA	1.70E-01	1.70E-07
	Beetle	123478-HxCDD	0	1	0	1.57E-01	1.57E-01	1.57E-01	NA	NA	1.57E-01	1.57E-07
	Beetle	123478-HxCDF	0	1	0	5.50E-02	5.50E-02	5.50E-02	NA	NA	5.50E-02	5.50E-08
	Beetle	1234789-HpCDF	0	1	0	2.32E-01	2.32E-01	2.32E-01	NA	NA	2.32E-01	2.32E-07
	Beetle	123678-HxCDD	1	1	100	1.05E+00	1.05E+00	1.05E+00	NA	NA	1.05E+00	1.05E-06
	Beetle	123678-HxCDF	0	1	0	2.50E-02	2.50E-02	2.50E-02	NA	NA	2.50E-02	2.50E-08
	Beetle	12378-PeCDD	0	1	0	2.40E-01	2.40E-01	2.40E-01	NA	NA	2.40E-01	2.40E-07
	Beetle	12378-PeCDF	0	1	0	8.35E-02	8.35E-02	8.35E-02	NA	NA	8.35E-02	8.35E-08
	Beetle	123789-HxCDD	0	1	0	1.39E-01	1.39E-01	1.39E-01	NA	NA	1.39E-01	1.39E-07
	Beetle	123789-HxCDF	0	1	0	1.03E-01	1.03E-01	1.03E-01	NA	NA	1.03E-01	1.03E-07
	Beetle	234678-HxCDF	0	1	0	1.85E-01	1.85E-01	1.85E-01	NA	NA	1.85E-01	1.85E-07
	Beetle	23478-PeCDF	0	1	0	1.35E-01	1.35E-01	1.35E-01	NA	NA	1.35E-01	1.35E-07
	Beetle	2378-TCDD	0	1	0	1.45E-01	1.45E-01	1.45E-01	NA	NA	1.45E-01	1.45E-07

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Number of Defects	Number of Samples	% Defects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
42/43 (cont.)	Beetle	2378-TCDF	0	1	0	6.60E-02	6.60E-02	6.60E-02	NA	NA	6.60E-02	6.60E-08
	Beetle	OCDD	0	1	0	5.34E-01	5.34E-01	5.34E-01	NA	NA	5.34E-01	5.34E-07
	Beetle	OCDF	0	1	0	6.50E-01	6.50E-01	6.50E-01	NA	NA	6.50E-01	6.50E-07
	Beetle	TOTAL HpCDD	0	1	0	2.58E-01	2.58E-01	2.58E-01	NA	NA	2.58E-01	2.58E-07
	Beetle	TOTAL HpCDF	0	1	0	1.96E-01	1.96E-01	1.96E-01	NA	NA	1.96E-01	1.96E-07
	Beetle	TOTAL HxCDD	0	1	0	1.50E-01	1.50E-01	1.50E-01	NA	NA	1.50E-01	1.50E-07
	Beetle	TOTAL HxCDF	0	1	0	9.85E-02	9.85E-02	9.85E-02	NA	NA	9.85E-02	9.85E-08
	Beetle	TOTAL PeCDD	1	1	100	2.93E-01	2.93E-01	2.93E-01	NA	NA	2.93E-01	2.93E-07
	Beetle	TOTAL PeCDF	0	1	0	8.50E-01	8.50E-01	8.50E-01	NA	NA	8.50E-01	8.50E-07
	Beetle	TOTAL TCDD	0	1	0	2.60E-01	2.60E-01	2.60E-01	NA	NA	2.60E-01	2.60E-07
	Beetle	TOTAL TCDF	0	1	0	2.40E-01	2.40E-01	2.40E-01	NA	NA	2.40E-01	2.40E-07
	Grasshopper	1234678-HpCDD	0	3	0	2.10E-01	2.60E-01	2.30E-01	2.65E-02	2.75E-01	2.60E-01	2.60E-07
	Grasshopper	1234678-HpCDF	0	3	0	9.55E-02	1.14E-01	1.07E-01	9.64E-03	1.23E-01	1.14E-01	1.14E-07
	Grasshopper	123478-HxCDD	0	3	0	8.80E-02	1.29E-01	1.06E-01	2.07E-02	1.41E-01	1.29E-01	1.29E-07
	Grasshopper	123478-HxCDF	0	3	0	6.35E-02	9.30E-02	7.72E-02	1.49E-02	1.02E-01	9.30E-02	9.30E-08
	Grasshopper	1234789-HpCDF	0	3	0	1.30E-01	1.53E-01	1.45E-01	1.31E-02	1.67E-01	1.55E-01	1.55E-07
	Grasshopper	123678-HxCDD	0	3	0	8.60E-02	1.26E-01	1.03E-01	2.05E-02	1.38E-01	1.26E-01	1.26E-07
	Grasshopper	123678-HxCDF	0	3	0	4.75E-02	7.00E-02	5.80E-02	1.13E-02	7.71E-02	7.00E-02	7.00E-08
	Grasshopper	12378-PeCDD	0	3	0	8.70E-02	1.31E-01	1.05E-01	2.29E-02	1.44E-01	1.31E-01	1.31E-07
	Grasshopper	12378-PeCDF	0	3	0	5.50E-02	8.50E-02	6.90E-02	1.51E-02	9.45E-02	8.50E-02	8.50E-08
	Grasshopper	123789-HxCDD	0	3	0	7.75E-02	1.14E-01	9.35E-02	1.87E-02	1.25E-01	1.14E-01	1.14E-07
	Grasshopper	123789-HxCDF	0	3	0	6.05E-02	8.90E-02	7.38E-02	1.43E-02	9.80E-02	8.90E-02	8.90E-08
	Grasshopper	234678-HxCDF	0	3	0	7.10E-02	1.35E-01	9.80E-02	3.32E-02	1.54E-01	1.35E-01	1.35E-07
	Grasshopper	23478-PeCDD	0	3	0	5.00E-02	7.80E-02	6.30E-02	1.41E-02	8.68E-02	7.80E-02	7.80E-08
	Grasshopper	2378-TCDD	0	3	0	5.20E-02	8.00E-02	6.48E-02	1.41E-02	8.87E-02	8.00E-02	8.00E-08
	Grasshopper	2378-TCDF	0	3	0	4.60E-02	7.00E-02	5.68E-02	1.22E-02	7.73E-02	7.00E-02	7.00E-08
RSA	Grasshopper	OCDD	0	3	0	4.08E-01	1.10E+00	8.36E-01	3.74E-01	1.47E+00	1.10E+00	1.10E-06
	Grasshopper	OCDF	0	3	0	2.11E-01	3.35E-01	2.87E-01	6.70E-02	4.00E-01	3.35E-01	3.35E-07
	Grasshopper	TOTAL HpCDD	1	3	33	1.80E-01	7.14E-01	3.69E-01	2.99E-01	8.73E-01	7.14E-01	7.14E-07
	Grasshopper	TOTAL HpCDF	0	3	0	1.10E-01	1.31E-01	1.23E-01	1.13E-02	1.42E-01	1.31E-01	1.31E-07
	Grasshopper	TOTAL HxCDD	1	3	33	7.50E-02	1.23E-01	1.04E-01	2.53E-02	1.46E-01	1.23E-01	1.23E-07
	Grasshopper	TOTAL HxCDF	2	3	67	1.35E-01	2.97E-01	2.43E-01	9.33E-02	4.00E-01	2.97E-01	2.97E-07
	Grasshopper	TOTAL PeCDD	0	3	0	8.70E-02	1.31E-01	1.05E-01	2.29E-02	1.44E-01	1.31E-01	1.31E-07
	Grasshopper	TOTAL PeCDF	0	3	0	4.00E-02	8.15E-02	6.18E-02	2.08E-02	9.70E-02	8.15E-02	8.15E-08
	Grasshopper	TOTAL TCDD	0	3	0	3.50E-02	8.00E-02	5.92E-02	2.27E-02	9.74E-02	8.00E-02	8.00E-08
	Grasshopper	TOTAL TCDF	0	3	0	4.60E-02	7.00E-02	5.68E-02	1.22E-02	7.73E-02	7.00E-02	7.00E-08
	Beetle	1234678-HpCDD	0	2	0	2.45E-01	3.05E-01	2.75E-01	4.24E-02	4.64E-01	3.05E-01	3.05E-07
	Beetle	1234678-HpCDF	0	2	0	1.73E-01	1.97E-01	1.85E-01	1.70E-02	2.61E-01	1.97E-01	1.97E-07
	Beetle	123478-HxCDD	0	2	0	2.08E-01	2.65E-01	2.37E-01	4.03E-02	4.16E-01	2.65E-01	2.65E-07
	Beetle	123478-HxCDF	0	2	0	1.56E-01	1.64E-01	1.60E-01	6.01E-03	1.87E-01	1.64E-01	1.64E-07
	Beetle	1234789-HpCDF	0	2	0	2.36E-01	2.69E-01	2.53E-01	2.33E-02	3.57E-01	2.69E-01	2.69E-07

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU													
Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg	
RSA (cont.)													
	Beetle	123678-HxCDD	0	2	0	2.03E-01	2.59E-01	2.31E-01	3.96E-02	4.08E-01	2.59E-01	2.59E-07	
	Beetle	123678-HxCDF	0	2	0	1.17E-01	1.24E-01	1.20E-01	4.60E-03	1.41E-01	1.24E-01	1.24E-07	
	Beetle	12378-PeCDD	0	2	0	1.90E-01	4.86E-01	3.38E-01	2.09E-01	1.27E+00	4.86E-01	4.86E-07	
	Beetle	12378-PeCDF	0	2	0	1.33E-01	3.23E-01	2.28E-01	1.34E-01	8.28E-01	3.23E-01	3.23E-07	
	Beetle	123789-HxCDD	0	2	0	1.84E-01	2.35E-01	2.09E-01	3.57E-02	3.69E-01	2.35E-01	2.35E-07	
	Beetle	123789-HxCDF	0	2	0	1.49E-01	1.57E-01	1.53E-01	6.01E-03	1.80E-01	1.57E-01	1.57E-07	
	Beetle	234678-HxCDF	0	2	0	2.50E-02	8.00E-02	5.25E-02	3.89E-02	2.26E-01	8.00E-02	8.00E-08	
	Beetle	23478-PeCDF	0	2	0	1.22E-01	2.95E-01	2.08E-01	1.23E-01	7.56E-01	2.95E-01	2.95E-07	
	Beetle	2378-TCDD	0	2	0	1.33E-01	4.26E-01	2.79E-01	2.07E-01	1.20E+00	4.26E-01	4.26E-07	
	Beetle	2378-TCDF	0	2	0	1.16E-01	3.30E-01	2.23E-01	1.51E-01	8.98E-01	3.30E-01	3.30E-07	
	Beetle	OCDD	0	2	0	5.27E-01	9.16E-01	7.21E-01	2.75E-01	1.95E+00	9.16E-01	9.16E-07	
	Beetle	OCDF	0	2	0	4.33E-01	7.52E-01	5.92E-01	2.26E-01	1.60E+00	7.52E-01	7.52E-07	
	Beetle	TOTAL HpCDD	0	2	0	2.45E-01	3.05E-01	2.75E-01	4.24E-02	4.64E-01	3.05E-01	3.05E-07	
	Beetle	TOTAL HpCDF	0	2	0	2.00E-01	2.28E-01	2.14E-01	1.98E-02	3.02E-01	2.28E-01	2.28E-07	
	Beetle	TOTAL HxCDD	0	2	0	1.98E-01	2.52E-01	2.25E-01	3.82E-02	3.95E-01	2.52E-01	2.52E-07	
	Beetle	TOTAL HxCDF	0	2	0	2.50E-02	8.00E-02	5.25E-02	3.89E-02	2.26E-01	8.00E-02	8.00E-08	
	Beetle	TOTAL PeCDD	0	2	0	1.90E-01	4.86E-01	3.38E-01	2.09E-01	1.27E+00	4.86E-01	4.86E-07	
	Beetle	TOTAL PeCDF	0	2	0	1.27E-01	3.09E-01	2.18E-01	1.28E-01	7.91E-01	3.09E-01	3.09E-07	
	Beetle	TOTAL TCDD	3	3	100	1.07E+00	5.00E+01	1.75E+01	2.82E+01	6.50E+01	5.00E+01	5.00E-05	
	Beetle	TOTAL TCDF	0	2	0	1.16E-01	3.30E-01	2.23E-01	1.51E-01	8.98E-01	3.30E-01	3.30E-07	
	Grasshopper	1234678-HpCDD	0	10	0	1.47E-01	7.69E-01	3.31E-01	2.11E-01	4.53E-01	7.69E-01	7.69E-07	
	Grasshopper	1234678-HpCDF	0	10	0	5.85E-02	4.23E-01	1.57E-01	1.30E-01	2.33E-01	4.23E-01	4.23E-07	
	Grasshopper	123478-HxCDD	0	10	0	6.70E-02	6.12E-01	2.07E-01	1.87E-01	3.15E-01	6.12E-01	6.12E-07	
	Grasshopper	123478-HxCDF	0	10	0	5.10E-02	3.49E-01	1.37E-01	1.07E-01	1.99E-01	3.49E-01	3.49E-07	
	Grasshopper	1234789-HpCDF	0	10	0	5.00E-02	5.77E-01	2.11E-01	1.81E-01	3.16E-01	5.77E-01	5.77E-07	
	Grasshopper	123678-HxCDD	0	10	0	6.55E-02	5.98E-01	2.02E-01	1.82E-01	3.08E-01	5.98E-01	5.98E-07	
	Grasshopper	123678-HxCDF	0	10	0	3.85E-02	2.63E-01	1.03E-01	8.05E-02	1.49E-01	2.63E-01	2.63E-07	
	Grasshopper	12378-PeCDD	0	10	0	8.75E-02	8.72E-01	2.88E-01	2.82E-01	4.52E-01	8.72E-01	8.72E-07	
	Grasshopper	12378-PeCDF	0	10	0	5.45E-02	4.61E-01	1.73E-01	1.54E-01	2.62E-01	4.61E-01	4.61E-07	
	Grasshopper	123789-HxCDD	0	10	0	5.95E-02	5.42E-01	1.83E-01	1.65E-01	2.79E-01	5.42E-01	5.42E-07	
	Grasshopper	123789-HxCDF	0	10	0	4.90E-02	3.34E-01	1.31E-01	1.02E-01	1.90E-01	3.34E-01	3.34E-07	
	Grasshopper	234678-HpCDD	0	10	0	4.85E-02	3.31E-01	1.35E-01	1.01E-01	1.94E-01	3.31E-01	3.31E-07	
	Grasshopper	23478-PeCDF	0	10	0	4.95E-02	4.21E-01	1.58E-01	1.41E-01	2.39E-01	4.21E-01	4.21E-07	
	Grasshopper	2378-TCDD	0	10	0	6.30E-02	5.13E-01	1.77E-01	1.57E-01	2.68E-01	5.13E-01	5.13E-07	
	Grasshopper	2378-TCDF	0	10	0	5.25E-02	4.07E-01	1.44E-01	1.21E-01	2.14E-01	4.07E-01	4.07E-07	
	Grasshopper	OCDD	0	10	0	2.85E-01	1.85E+00	6.67E-01	5.46E-01	9.83E-01	1.85E+00	1.85E-06	
	Grasshopper	OCDF	0	10	0	1.57E-01	1.52E+00	5.28E-01	4.62E-01	7.96E-01	1.52E+00	1.52E-06	
	Grasshopper	TOTAL HpCDD	0	10	0	1.47E-01	7.69E-01	3.28E-01	2.13E-01	4.51E-01	7.69E-01	7.69E-07	
	Grasshopper	TOTAL HpCDF	0	10	0	5.00E-02	4.88E-01	1.79E-01	1.53E-01	2.67E-01	4.88E-01	4.88E-07	
	Grasshopper	TOTAL HxCDD	0	10	0	6.40E-02	5.82E-01	1.97E-01	1.77E-01	3.00E-01	5.82E-01	5.82E-07	
	Grasshopper	TOTAL HxCDF	7	10	70	3.00E-03	3.55E-01	2.65E-01	9.78E-02	3.22E-01	3.22E-01	3.22E-07	

Summary Statistics for Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Number of Detects	Number of Samples	% Detects	Minimum	Maximum	Average	Standard Deviation	UCL 95	Cterm- ng/kg	Cterm- mg/kg
RSA (cont.)	Grasshopper	TOTAL PeCDD	0	10	0	8.75E-02	8.72E-01	2.88E-01	2.82E-01	4.52E-01	8.72E-01	8.72E-07
	Grasshopper	TOTAL PeCDF	0	10	0	5.20E-02	4.40E-01	1.65E-01	1.47E-01	2.50E-01	4.40E-01	4.40E-07
	Grasshopper	TOTAL TCDD	1	10	10	6.30E-02	8.61E-01	2.29E-01	2.58E-01	3.78E-01	3.78E-01	3.78E-07
	Grasshopper	TOTAL TCDF	0	10	0	5.25E-02	4.07E-01	1.44E-01	1.21E-01	2.14E-01	4.07E-01	4.07E-07

Not applicable.

Final Hazard Quotients - Dioxins/Furans in Biota

SWMU																
Number	Matrix	Analyte	American			Golden		Bald		Deer		Mule		Kit		Soil Fauna
			Passerines	Kestrel	Great Horned Owl	Eagle	Eagle	Deer Mouse	Deer	Jackrabbit	Fox	Plants				
10	Gumweed	1234678-HpCDD	7.31E-03	1.29E-05	3.40E-07	6.78E-07	6.78E-07	7.82E-03	1.23E-05	1.33E-04	9.06E-06	ND ⁽⁹⁾			ND	
	Gumweed	1234678-HpCDF	3.73E-03	6.59E-06	1.74E-07	3.48E-07	3.48E-07	4.01E-03	6.28E-06	6.83E-05	4.65E-06	ND			ND	
	Gumweed	123478-HxCDD	5.93E-02	1.04E-04	2.76E-06	5.50E-06	5.50E-06	6.35E-02	9.94E-05	1.08E-03	7.35E-05	ND			ND	
	Gumweed	123478-HxCDF	3.23E-04	5.68E-07	1.50E-08	3.00E-08	3.00E-08	3.46E-04	5.42E-07	5.89E-06	4.01E-07	ND			ND	
	Gumweed	1234789-HpCDD	6.14E-04	1.08E-06	2.86E-08	5.70E-08	5.70E-08	6.57E-04	1.03E-06	1.12E-05	7.62E-07	ND			ND	
	Gumweed	123678-HxCDD	4.96E-02	8.72E-05	2.31E-06	4.60E-06	4.60E-06	5.31E-02	8.31E-05	9.04E-04	6.15E-05	ND			ND	
	Gumweed	123678-HxCDF	2.58E-04	4.54E-07	1.20E-08	2.39E-08	2.39E-08	2.76E-04	4.32E-07	4.70E-06	3.20E-07	ND			ND	
	Gumweed	12378-PeCDD	1.88E-01	3.31E-04	8.76E-06	1.76E-05	1.76E-05	2.02E-01	3.17E-04	3.44E-03	2.34E-04	ND			ND	
	Gumweed	12378-PeCDF	1.02E-02	1.79E-05	4.73E-07	9.50E-07	9.50E-07	1.09E-02	1.71E-05	1.86E-04	1.27E-05	ND			ND	
	Gumweed	123789-HxCDD	5.37E-04	9.46E-07	2.50E-08	4.99E-08	4.99E-08	5.75E-04	9.01E-07	9.80E-06	6.67E-07	ND			ND	
	Gumweed	123789-HxCDF	3.46E-04	6.09E-07	1.61E-08	3.21E-08	3.21E-08	3.70E-04	5.80E-07	6.31E-06	4.29E-07	ND			ND	
	Gumweed	234678-HxCDF	3.10E-02	5.46E-05	1.45E-06	2.88E-06	2.88E-06	3.32E-02	5.21E-05	5.66E-04	3.85E-05	ND			ND	
	Gumweed	23478-PeCDF	9.83E-02	1.73E-04	4.57E-06	9.18E-06	9.18E-06	1.05E-01	1.65E-04	1.80E-03	1.22E-04	ND			ND	
	Gumweed	2378-TCDD	2.35E-01	4.13E-04	1.09E-05	2.18E-05	2.18E-05	2.51E-01	3.94E-04	4.28E-03	2.91E-04	ND			ND	
	Gumweed	2378-TCDF	2.09E-02	3.68E-05	9.74E-07	1.94E-06	1.94E-06	2.98E-02	3.51E-05	3.82E-04	2.60E-05	ND			ND	
	Gumweed	OCDD	2.85E-03	5.01E-06	1.33E-07	2.64E-07	2.64E-07	3.05E-03	4.78E-06	5.19E-05	3.53E-06	ND			ND	
	Gumweed	OCDF	8.41E-04	1.48E-06	3.91E-08	7.80E-08	7.80E-08	9.00E-04	1.41E-06	1.53E-05	1.04E-06	ND			ND	
	Gumweed	TOTAL HpCDD	7.31E-03	1.29E-05	3.40E-07	6.78E-07	6.78E-07	7.82E-03	1.23E-05	1.33E-02	9.06E-04	ND			ND	
	Gumweed	TOTAL HpCDF	4.65E-03	8.19E-06	2.17E-07	4.32E-07	4.32E-07	4.98E-01	7.81E-04	8.49E-03	5.77E-04	ND			ND	
	Gumweed	TOTAL HxCDD	5.39E-02	9.48E-05	2.51E-06	5.00E-06	5.00E-06	5.77E-01	9.04E-04	9.83E-03	6.68E-04	ND			ND	
	Gumweed	TOTAL HxCDF	3.06E-02	5.38E-05	1.42E-06	2.84E-06	2.84E-06	3.27E-01	5.13E-04	5.58E-03	3.79E-04	ND			ND	
	Gumweed	TOTAL PeCDD	1.88E-01	3.31E-04	8.76E-06	1.76E-05	1.76E-05	4.04E-01	6.34E-04	6.89E-03	4.69E-04	ND			ND	
	Gumweed	TOTAL PeCDF	9.98E-02	1.76E-04	4.65E-06	9.33E-06	9.33E-06	2.14E-01	3.36E-04	3.65E-03	2.49E-04	ND			ND	
	Gumweed	TOTAL TCDD	2.35E-01	4.13E-04	1.09E-05	2.18E-05	2.18E-05	2.51E-01	3.94E-04	4.28E-03	2.91E-04	ND			ND	
	Gumweed	TOTAL TCDF	2.09E-02	3.68E-05	9.74E-07	1.94E-06	1.94E-06	2.24E-02	3.51E-05	3.82E-04	2.60E-05	ND			ND	
Rabbitbrush	1234678-HpCDD	9.41E-03	1.65E-05	4.38E-07	8.73E-07	8.73E-07	1.01E-02	1.58E-05	1.72E-04	1.17E-05	ND			ND		
Rabbitbrush	1234678-HpCDF	4.05E-03	7.13E-06	1.89E-07	3.76E-07	3.76E-07	4.34E-03	6.80E-06	7.39E-05	5.03E-06	ND			ND		
Rabbitbrush	123478-HxCDD	2.24E-02	3.94E-05	1.04E-06	2.08E-06	2.08E-06	2.40E-02	3.75E-05	4.08E-04	2.78E-05	ND			ND		
Rabbitbrush	123478-HxCDF	1.05E-04	1.85E-07	4.91E-09	9.78E-09	9.78E-09	1.13E-04	1.77E-07	1.92E-06	1.31E-07	ND			ND		
Rabbitbrush	1234789-HpCDD	2.21E-04	3.89E-07	1.03E-08	2.05E-08	2.05E-08	2.37E-04	3.71E-07	4.03E-06	2.74E-07	ND			ND		
Rabbitbrush	123678-HxCDD	1.87E-02	3.30E-05	8.72E-07	1.74E-06	1.74E-06	2.01E-02	3.14E-05	3.42E-04	2.32E-05	ND			ND		
Rabbitbrush	123678-HxCDF	8.40E-05	1.48E-07	3.91E-09	7.80E-09	7.80E-09	8.99E-05	1.41E-07	1.53E-06	1.04E-07	ND			ND		
Rabbitbrush	12378-PeCDD	1.13E-01	1.98E-04	5.24E-06	1.05E-05	1.05E-05	1.21E-01	1.89E-04	2.06E-03	1.40E-04	ND			ND		
Rabbitbrush	12378-PeCDF	5.20E-03	9.15E-06	2.42E-07	4.86E-07	4.86E-07	5.58E-03	8.75E-06	9.51E-05	6.47E-06	ND			ND		
Rabbitbrush	123789-HxCDD	2.03E-04	3.57E-07	9.45E-09	1.88E-08	1.88E-08	2.17E-04	3.40E-07	3.70E-06	2.52E-07	ND			ND		
Rabbitbrush	123789-HxCDF	1.13E-04	1.98E-07	5.25E-09	1.05E-08	1.05E-08	1.21E-04	1.89E-07	2.06E-06	1.40E-07	ND			ND		
Rabbitbrush	234678-HxCDF	1.01E-02	1.77E-05	4.69E-07	9.35E-07	9.35E-07	1.08E-02	1.69E-05	1.84E-04	1.25E-05	ND			ND		
Rabbitbrush	23478-PeCDD	5.02E-02	8.83E-05	2.33E-06	4.69E-06	4.69E-06	5.38E-02	8.44E-05	9.18E-04	6.24E-05	ND			ND		
Rabbitbrush	2378-TCDD	1.02E-01	1.79E-04	4.74E-06	9.44E-06	9.44E-06	1.09E-01	1.71E-04	1.86E-03	1.26E-04	ND			ND		
Rabbitbrush	2378-TCDF	7.27E-02	1.28E-04	3.38E-06	6.74E-06	6.74E-06	1.04E-01	1.22E-04	1.32E-03	9.01E-05	ND			ND		
Rabbitbrush	OCDD	6.07E-03	1.07E-05	2.83E-07	5.64E-07	5.64E-07	6.50E-03	1.02E-05	1.11E-04	7.53E-06	ND			ND		

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU		American					Great		Golden		Bald		Deer		Mule		Kit		Soil	
Number	Matrix	Analyte	Passerines	Kestrel	Horned Owl	Eagle	Eagle	Eagle	Mouse	Deer	Jackrabbit	Fox	Plants	Fauna						
10 (cont.)	Rabbitbrush	OCDF	1.01E-03	1.78E-06	4.72E-08	9.41E-08	9.41E-08	9.41E-08	1.09E-03	1.70E-06	1.85E-06	1.26E-06	ND	ND						
	Rabbitbrush	TOTAL HpCDD	1.79E-02	3.15E-05	8.33E-07	1.66E-06	1.66E-06	1.66E-06	1.92E+00	3.00E-03	3.27E-02	2.22E-03	ND	ND						
	Rabbitbrush	TOTAL HpCDF	4.05E-03	7.13E-06	1.89E-07	3.76E-07	3.76E-07	3.76E-07	4.34E-01	6.80E-04	7.39E-03	5.03E-04	ND	ND						
	Rabbitbrush	TOTAL HxCDD	2.04E-02	3.58E-05	9.47E-07	1.89E-06	1.89E-06	1.89E-06	2.18E-01	3.41E-04	3.71E-03	2.52E-04	ND	ND						
	Rabbitbrush	TOTAL HxCDF	1.81E-02	3.18E-05	8.42E-07	1.68E-06	1.68E-06	1.68E-06	1.94E-01	3.03E-04	3.30E-03	2.24E-04	ND	ND						
	Rabbitbrush	TOTAL PeCDD	1.13E-01	1.98E-04	5.24E-06	1.05E-05	1.05E-05	1.05E-05	2.42E-01	3.79E-04	4.12E-03	2.80E-04	ND	ND						
	Rabbitbrush	TOTAL PeCDF	5.09E-02	8.96E-05	2.37E-06	4.76E-06	4.76E-06	4.76E-06	1.09E-01	1.72E-04	1.86E-03	1.27E-04	ND	ND						
	Rabbitbrush	TOTAL TCDD	1.02E-01	1.79E-04	4.74E-06	9.44E-06	9.44E-06	9.44E-06	1.09E-01	1.71E-04	1.86E-03	1.26E-04	ND	ND						
	Rabbitbrush	TOTAL TCDF	1.20E-01	2.10E-04	5.57E-06	1.11E-05	1.11E-05	1.11E-05	1.28E-01	2.01E-04	2.18E-03	1.48E-04	ND	ND						
	Rabbitbrush	TOTAL TCDD	9.05E-03	2.39E-05	6.32E-07	1.26E-06	1.26E-06	1.26E-06	9.69E-03	2.28E-05	2.48E-04	1.68E-05	ND	ND						
11	Gumweed	1234678-HpCDD	4.46E-03	1.18E-05	3.11E-07	6.20E-07	6.20E-07	6.20E-07	4.77E-03	1.12E-05	1.22E-04	8.29E-06	ND	ND						
	Gumweed	1234678-HxCDD	7.36E-02	1.94E-04	5.14E-06	1.02E-05	1.02E-05	1.02E-05	7.88E-02	1.85E-04	2.01E-03	1.37E-04	ND	ND						
	Gumweed	123478-HxCDF	3.96E-04	1.05E-06	2.77E-08	5.51E-08	5.51E-08	5.51E-08	4.24E-04	9.96E-07	1.08E-05	1.36E-06	ND	ND						
	Gumweed	1234789-HpCDF	7.30E-04	1.93E-06	5.10E-08	1.02E-07	1.02E-07	1.02E-07	7.81E-04	1.84E-06	2.00E-05	1.15E-04	ND	ND						
	Gumweed	123678-HxCDD	6.16E-02	1.63E-04	4.30E-06	8.57E-06	8.57E-06	8.57E-06	6.59E-02	1.55E-04	1.68E-03	1.15E-04	ND	ND						
	Gumweed	123678-HxCDF	3.16E-04	8.33E-07	2.20E-08	4.39E-08	4.39E-08	4.39E-08	3.38E-04	7.94E-07	8.63E-06	5.87E-07	ND	ND						
	Gumweed	12378-PeCDD	2.25E-01	5.95E-04	1.57E-05	3.16E-05	3.16E-05	3.16E-05	2.42E-01	5.69E-04	6.19E-03	4.21E-04	ND	ND						
	Gumweed	12378-PeCDF	1.26E-02	3.31E-05	8.76E-07	1.76E-06	1.76E-06	1.76E-06	1.35E-02	3.17E-05	3.45E-04	2.34E-05	ND	ND						
	Gumweed	123789-HxCDD	6.67E-04	1.76E-06	4.66E-08	9.29E-08	9.29E-08	9.29E-08	7.14E-04	1.68E-06	1.83E-05	1.24E-06	ND	ND						
	Gumweed	123789-HxCDF	4.24E-04	1.12E-06	2.96E-08	5.91E-08	5.91E-08	5.91E-08	4.54E-04	1.07E-06	1.16E-05	7.89E-07	ND	ND						
	Gumweed	234678-HxCDF	3.80E-02	1.00E-04	2.66E-06	5.30E-06	5.30E-06	5.30E-06	4.07E-02	9.57E-05	1.04E-03	7.08E-05	ND	ND						
	Gumweed	23478-PeCDF	1.21E-01	3.20E-04	8.46E-06	1.70E-05	1.70E-05	1.70E-05	1.30E-01	3.06E-04	3.33E-03	2.26E-04	ND	ND						
	Gumweed	2378-TCDD	3.08E-01	8.14E-04	2.15E-05	4.29E-05	4.29E-05	4.29E-05	3.30E-01	7.76E-04	8.43E-03	5.74E-04	ND	ND						
	Gumweed	2378-TCDF	2.33E-02	6.14E-05	1.62E-06	3.24E-06	3.24E-06	3.24E-06	3.32E-02	5.85E-05	6.37E-04	4.33E-05	ND	ND						
	Gumweed	OCDD	3.18E-03	8.38E-06	2.22E-07	4.42E-07	4.42E-07	4.42E-07	3.40E-03	7.99E-06	8.69E-05	5.91E-06	ND	ND						
	Gumweed	OCDF	1.09E-03	2.88E-06	7.61E-08	1.52E-07	1.52E-07	1.52E-07	1.17E-03	2.74E-06	2.98E-05	2.03E-06	ND	ND						
	Gumweed	TOTAL HpCDD	9.05E-03	2.39E-05	6.32E-07	1.26E-06	1.26E-06	1.26E-06	9.69E-03	2.28E-05	2.48E-02	1.68E-03	ND	ND						
	Gumweed	TOTAL HpCDF	5.54E-03	1.46E-05	3.87E-07	7.71E-07	7.71E-07	7.71E-07	5.93E-01	1.39E-03	1.51E-02	1.03E-03	ND	ND						
	Gumweed	TOTAL HxCDD	6.69E-02	1.77E-04	4.67E-06	9.32E-06	9.32E-06	9.32E-06	7.17E-01	1.68E-03	1.83E-02	1.25E-03	ND	ND						
	Gumweed	TOTAL HxCDF	3.75E-02	9.89E-05	2.62E-06	5.22E-06	5.22E-06	5.22E-06	4.01E-01	9.42E-04	1.02E-02	6.97E-04	ND	ND						
Gumweed	TOTAL PeCDD	2.25E-01	5.95E-04	1.57E-05	3.16E-05	3.16E-05	3.16E-05	4.84E-01	1.14E-03	1.24E-02	8.42E-04	ND	ND							
Gumweed	TOTAL PeCDF	1.23E-01	3.25E-04	8.60E-06	1.73E-05	1.73E-05	1.73E-05	2.65E-01	6.22E-04	6.76E-03	4.60E-04	ND	ND							
Gumweed	TOTAL TCDD	3.08E-01	8.14E-04	2.15E-05	4.29E-05	4.29E-05	4.29E-05	3.30E-01	7.76E-04	8.43E-03	5.74E-04	ND	ND							
Gumweed	TOTAL TCDF	2.33E-02	6.14E-05	1.62E-06	3.24E-06	3.24E-06	3.24E-06	2.49E-02	5.85E-05	6.37E-04	4.33E-05	ND	ND							
Rabbitbrush	1234678-HpCDD	2.46E-03	6.50E-06	1.72E-07	3.43E-07	3.43E-07	3.43E-07	2.64E-03	6.20E-06	6.74E-05	4.58E-06	ND	ND							
Rabbitbrush	1234678-HpCDF	8.67E-03	2.29E-05	6.05E-07	1.21E-06	1.21E-06	1.21E-06	9.28E-03	2.18E-05	2.37E-04	1.61E-05	ND	ND							
Rabbitbrush	123478-HxCDD	2.00E-02	5.29E-05	1.40E-06	2.79E-06	2.79E-06	2.79E-06	2.14E-02	5.04E-05	5.48E-04	3.73E-05	ND	ND							
Rabbitbrush	123478-HxCDF	1.01E-04	2.66E-07	7.03E-09	1.40E-08	1.40E-08	1.40E-08	1.08E-04	2.53E-07	2.75E-06	1.87E-07	ND	ND							
Rabbitbrush	1234789-HpCDF	1.98E-04	5.23E-07	1.38E-08	2.76E-08	2.76E-08	2.76E-08	2.12E-04	4.99E-07	5.42E-06	3.69E-07	ND	ND							
Rabbitbrush	123678-HxCDD	1.67E-02	4.42E-05	1.17E-06	2.33E-06	2.33E-06	2.33E-06	1.79E-02	4.21E-05	4.58E-04	3.12E-05	ND	ND							
Rabbitbrush	123678-HxCDF	8.04E-05	2.12E-07	5.61E-09	1.12E-08	1.12E-08	1.12E-08	8.60E-05	2.02E-07	2.20E-06	1.49E-07	ND	ND							

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Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU		American					Great		Golden		Bald		Deer		Mule		Kit		Soil	
Number	Matrix	Analyte	Passerines	Kestrel	Horned Owl	Eagle	Eagle	Bald	Eagle	Deer	Mouse	Deer	Deer	Jackrabbit	Fox	Plants	Fauna	Fauna	Fauna	Fauna
11 (cont.)	Rabbitbrush	12378-PeCDD	1.27E-01	3.35E-04	8.86E-06	1.78E-05	1.78E-05	1.36E-01	3.20E-04	3.48E-03	2.37E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	12378-PeCDF	6.91E-03	1.82E-05	4.83E-07	9.69E-07	9.69E-07	7.42E-03	1.75E-05	1.90E-04	1.29E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	123789-HxCDD	1.82E-04	4.79E-07	1.27E-08	2.53E-08	2.53E-08	1.94E-04	4.57E-07	4.97E-06	3.38E-07	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	123789-HxCDF	1.07E-04	2.84E-07	7.50E-09	1.50E-08	1.50E-08	1.15E-04	2.70E-07	2.94E-06	2.00E-07	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	234678-HxCDF	4.26E-02	1.12E-04	2.97E-06	5.93E-06	5.93E-06	4.56E-02	1.07E-04	1.16E-03	7.92E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	23478-PeCDF	6.68E-02	1.76E-04	4.66E-06	9.36E-06	9.36E-06	7.17E-02	1.69E-04	1.83E-03	1.23E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	2378-TCDD	1.16E-01	3.07E-04	8.12E-06	1.62E-05	1.62E-05	1.25E-01	2.93E-04	3.18E-03	2.16E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	2378-TCDF	8.30E-03	2.19E-05	5.79E-07	1.15E-06	1.15E-06	1.18E-02	2.09E-05	2.27E-04	1.54E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	OCDD	2.40E-03	6.34E-06	1.68E-07	3.35E-07	3.35E-07	2.37E-03	6.04E-06	6.57E-05	4.47E-06	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	OCDF	2.12E-03	5.59E-06	1.48E-07	2.95E-07	2.95E-07	2.27E-03	5.32E-06	5.79E-05	3.94E-06	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	TOTAL HpCDD	2.46E-03	6.50E-06	1.72E-07	3.43E-07	3.43E-07	2.64E-01	6.20E-04	6.74E-03	4.58E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Rabbitbrush	TOTAL HpCDF	8.67E-03	2.29E-05	6.03E-07	1.21E-06	1.21E-06	9.28E-01	2.18E-03	2.37E-02	1.61E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	TOTAL HxCDD	1.82E-02	4.81E-05	1.27E-06	2.54E-06	2.54E-06	1.95E-01	4.58E-04	4.98E-03	3.39E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	TOTAL HxCDF	1.01E-01	2.66E-04	7.04E-06	1.40E-05	1.40E-05	1.08E+00	2.53E-03	2.76E-02	1.87E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	TOTAL PeCDD	1.27E-01	3.35E-04	8.86E-06	1.78E-05	1.78E-05	2.73E-01	6.41E-04	6.96E-03	4.74E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	TOTAL PeCDF	2.86E+00	7.55E-03	2.00E-04	4.01E-04	4.01E-04	6.14E+00	1.44E-02	1.57E-01	1.07E-02	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	TOTAL TCDD	1.16E-01	3.07E-04	8.12E-06	1.62E-05	1.62E-05	1.25E-01	2.93E-04	3.18E-03	2.16E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	TOTAL TCDF	9.82E-01	2.59E-03	6.86E-05	1.37E-04	1.37E-04	1.05E+00	2.47E-03	2.69E-02	1.83E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	1234678-HpCDD	2.91E-03	3.84E-05	1.02E-06	2.03E-06	2.03E-06	3.12E-03	3.66E-05	3.98E-04	2.71E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	1234678-HpCDF	1.26E-03	1.67E-05	4.41E-07	8.79E-07	8.79E-07	1.35E-03	1.59E-05	1.73E-04	1.17E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	123478-HxCDD	2.12E-02	2.80E-04	7.41E-06	1.48E-05	1.48E-05	2.27E-02	2.67E-04	2.90E-03	1.98E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	123478-HxCDF	1.00E-04	1.32E-06	3.50E-08	6.97E-08	6.97E-08	1.07E-04	1.26E-06	1.37E-05	9.32E-07	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	1234789-HpCDF	2.07E-04	2.73E-06	7.21E-08	1.44E-07	1.44E-07	2.21E-04	2.60E-06	2.83E-05	1.92E-06	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	123678-HxCDD	1.78E-02	2.35E-04	6.21E-06	1.24E-05	1.24E-05	1.90E-02	2.24E-04	2.43E-03	1.66E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	123678-HxCDF	7.98E-05	1.05E-06	2.79E-08	5.56E-08	5.56E-08	8.55E-05	1.00E-06	1.09E-05	7.43E-07	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	12378-PeCDD	9.67E-02	1.28E-03	3.38E-05	6.78E-05	6.78E-05	1.04E-01	1.22E-03	1.33E-02	9.03E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	12378-PeCDF	5.02E-03	6.62E-05	1.75E-06	3.52E-06	3.52E-06	5.38E-03	6.33E-05	6.89E-04	4.68E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	123789-HxCDD	1.93E-04	2.54E-06	6.72E-08	1.34E-07	1.34E-07	2.06E-04	2.42E-06	2.63E-05	1.79E-06	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	123789-HxCDF	1.07E-04	1.41E-06	3.73E-08	7.45E-08	7.45E-08	1.15E-04	1.35E-06	1.46E-05	9.95E-07	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Rabbitbrush	234678-HxCDF	9.60E-03	1.27E-04	3.35E-06	6.68E-06	6.68E-06	1.03E-02	1.21E-04	1.31E-03	8.93E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rabbitbrush	23478-PeCDF	4.83E-02	6.38E-04	1.69E-05	3.39E-05	3.39E-05	5.19E-02	6.10E-04	6.64E-03	4.51E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	2378-TCDD	8.87E-02	1.17E-03	3.10E-05	6.17E-05	6.17E-05	9.50E-02	1.12E-03	1.21E-02	8.25E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	2378-TCDF	5.69E-03	7.51E-05	1.99E-06	3.96E-06	3.96E-06	8.11E-03	7.15E-05	7.78E-04	5.29E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	OCDD	1.95E-03	2.57E-05	6.79E-07	1.35E-06	1.35E-06	2.08E-03	2.45E-05	2.66E-04	1.81E-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	OCDF	5.56E-04	7.33E-06	1.94E-07	3.87E-07	3.87E-07	5.95E-04	6.99E-06	7.60E-05	5.17E-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	TOTAL HpCDD	2.91E-03	3.84E-05	1.02E-06	2.03E-06	2.03E-06	3.12E-01	3.66E-03	3.98E-02	2.71E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	TOTAL HpCDF	1.57E-03	2.07E-05	5.46E-07	1.09E-06	1.09E-06	1.68E-01	1.97E-03	2.14E-02	1.46E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	TOTAL HxCDD	1.93E-02	2.55E-04	6.74E-06	1.34E-05	1.34E-05	2.07E-01	2.43E-03	2.64E-02	1.80E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	TOTAL HxCDF	9.44E-03	1.25E-04	3.30E-06	6.57E-06	6.57E-06	1.01E-01	1.19E-03	1.29E-02	8.78E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	TOTAL PeCDD	9.67E-02	1.28E-03	3.38E-05	6.78E-05	6.78E-05	2.08E-01	2.44E-03	2.65E-02	1.81E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Rabbitbrush	TOTAL PeCDF	4.91E-02	6.48E-04	1.71E-05	3.44E-05	3.44E-05	1.06E-01	1.24E-03	1.35E-02	9.17E-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU		Matrix	Analyte	American		Great Horned Owl	Golden Eagle		Bald Eagle	Deer		Mule Deer	Jackrabbit		Kit Fox	Plants	Soil Fauna
Number	12 (cont.)			Passerines	Kestrel		Eagle	Eagle		Mouse	Deer						
Rabbitbrush		Rabbitbrush	TOTAL TCDD	8.87E-02	1.17E-03	3.10E-05	6.17E-05	6.17E-05	6.17E-05	9.50E-02	1.12E-03	1.12E-03	1.21E-02	8.25E-04	8.25E-04	ND	ND
Rabbitbrush		Rabbitbrush	TOTAL TCDD	5.69E-03	7.51E-05	1.99E-06	3.96E-06	3.96E-06	3.96E-06	6.09E-03	7.15E-05	7.15E-05	7.78E-04	5.29E-05	5.29E-05	ND	ND
Sweetclover		Sweetclover	1234678-HpCDD	2.99E-03	3.95E-05	1.04E-06	2.08E-06	2.08E-06	2.08E-06	3.20E-03	3.76E-05	3.76E-05	4.09E-04	2.78E-05	2.78E-05	ND	ND
Sweetclover		Sweetclover	1234678-HpCDF	1.35E-03	1.78E-05	4.70E-07	9.37E-07	9.37E-07	9.37E-07	1.44E-03	1.69E-04	1.69E-04	1.84E-04	1.25E-05	1.25E-05	ND	ND
Sweetclover		Sweetclover	123478-HxCDD	2.13E-02	2.82E-04	7.45E-06	1.49E-05	1.49E-05	1.49E-05	2.28E-02	2.68E-04	2.68E-04	2.92E-03	1.99E-04	1.99E-04	ND	ND
Sweetclover		Sweetclover	123478-HxCDF	1.11E-04	1.47E-06	3.88E-08	7.74E-08	7.74E-08	7.74E-08	1.19E-04	1.40E-06	1.40E-06	1.52E-05	1.03E-06	1.03E-06	ND	ND
Sweetclover		Sweetclover	1234789-HpCDF	2.21E-04	2.91E-06	7.70E-08	1.54E-07	1.54E-07	1.54E-07	2.36E-04	2.78E-06	2.78E-06	3.02E-05	2.05E-06	2.05E-06	ND	ND
Sweetclover		Sweetclover	123678-HxCDD	1.78E-02	2.35E-04	6.23E-06	1.24E-05	1.24E-05	1.24E-05	1.91E-02	2.24E-04	2.24E-04	2.44E-03	1.66E-04	1.66E-04	ND	ND
Sweetclover		Sweetclover	123678-HxCDF	8.87E-05	1.17E-06	3.10E-08	6.17E-08	6.17E-08	6.17E-08	9.50E-05	1.12E-06	1.12E-06	1.21E-05	8.25E-07	8.25E-07	ND	ND
Sweetclover		Sweetclover	12378-PeCDD	6.11E-02	8.06E-04	2.13E-05	4.28E-05	4.28E-05	4.28E-05	6.55E-02	7.71E-04	7.71E-04	8.38E-03	5.70E-04	5.70E-04	ND	ND
Sweetclover		Sweetclover	12378-PeCDF	3.59E-03	4.73E-05	1.25E-06	2.51E-06	2.51E-06	2.51E-06	3.85E-03	4.53E-05	4.53E-05	4.92E-04	3.35E-05	3.35E-05	ND	ND
Sweetclover		Sweetclover	123789-HxCDD	1.94E-04	2.55E-06	6.76E-08	1.35E-07	1.35E-07	1.35E-07	2.07E-04	2.43E-06	2.43E-06	2.65E-05	1.80E-06	1.80E-06	ND	ND
Sweetclover		Sweetclover	123789-HxCDF	1.19E-04	1.57E-06	4.15E-08	8.28E-08	8.28E-08	8.28E-08	1.27E-04	1.50E-06	1.50E-06	1.63E-05	1.11E-06	1.11E-06	ND	ND
Sweetclover		Sweetclover	23478-HxCDF	1.06E-02	1.40E-04	3.72E-06	7.41E-06	7.41E-06	7.41E-06	1.14E-02	1.34E-04	1.34E-04	1.46E-03	9.90E-05	9.90E-05	ND	ND
Sweetclover		Sweetclover	23478-PeCDD	3.46E-02	4.56E-04	1.21E-05	2.42E-05	2.42E-05	2.42E-05	3.71E-02	4.36E-04	4.36E-04	4.75E-03	3.23E-04	3.23E-04	ND	ND
Sweetclover		Sweetclover	2378-TCDD	7.25E-02	9.57E-04	2.53E-05	5.05E-05	5.05E-05	5.05E-05	7.76E-02	9.12E-04	9.12E-04	9.92E-03	6.75E-04	6.75E-04	ND	ND
Sweetclover		Sweetclover	2378-TCDF	4.18E-02	5.52E-04	1.46E-05	2.91E-05	2.91E-05	2.91E-05	5.96E-02	5.43E-05	5.43E-05	5.72E-03	3.89E-04	3.89E-04	ND	ND
Sweetclover		Sweetclover	OCDD	4.31E-03	5.69E-05	1.51E-06	3.00E-06	3.00E-06	3.00E-06	4.62E-03	4.73E-06	4.73E-06	5.14E-05	3.49E-06	3.49E-06	ND	ND
Sweetclover		Sweetclover	OCDF	3.76E-04	4.96E-06	1.31E-07	2.62E-07	2.62E-07	2.62E-07	4.02E-04	4.73E-06	4.73E-06	5.14E-05	3.49E-06	3.49E-06	ND	ND
Sweetclover		Sweetclover	TOTAL HpCDD	2.99E-03	3.95E-05	1.04E-06	2.08E-06	2.08E-06	2.08E-06	3.20E-01	3.76E-03	3.76E-03	4.09E-02	2.78E-03	2.78E-03	ND	ND
Sweetclover		Sweetclover	TOTAL HpCDF	1.67E-03	2.21E-05	5.85E-07	1.17E-06	1.17E-06	1.17E-06	1.79E-01	2.11E-03	2.11E-03	2.29E-02	1.56E-03	1.56E-03	ND	ND
Sweetclover		Sweetclover	TOTAL HxCDD	1.94E-02	2.56E-04	6.78E-06	1.35E-05	1.35E-05	1.35E-05	2.08E-01	2.44E-03	2.44E-03	2.65E-02	1.81E-03	1.81E-03	ND	ND
Sweetclover		Sweetclover	TOTAL HxCDF	1.05E-02	1.38E-04	3.66E-06	7.30E-06	7.30E-06	7.30E-06	1.12E-01	1.32E-03	1.32E-03	1.43E-02	9.76E-04	9.76E-04	ND	ND
Sweetclover		Sweetclover	TOTAL PeCDD	6.11E-02	8.06E-04	2.13E-05	4.28E-05	4.28E-05	4.28E-05	1.31E-01	1.54E-03	1.54E-03	1.68E-02	1.14E-03	1.14E-03	ND	ND
Sweetclover		Sweetclover	TOTAL PeCDF	2.52E-01	3.32E-03	8.79E-05	1.76E-04	1.76E-04	1.76E-04	5.41E-01	6.36E-03	6.36E-03	6.91E-02	4.70E-03	4.70E-03	ND	ND
Sweetclover		Sweetclover	TOTAL TCDD	7.25E-02	9.57E-04	2.53E-05	5.05E-05	5.05E-05	5.05E-05	7.76E-02	9.12E-04	9.12E-04	9.92E-03	6.75E-04	6.75E-04	ND	ND
Sweetclover		Sweetclover	TOTAL TCDF	8.36E-02	1.10E-03	4.08E-05	8.13E-05	8.13E-05	8.13E-05	8.95E-02	1.05E-03	1.05E-03	1.14E-02	7.78E-04	7.78E-04	ND	ND
Gumweed	15	Gumweed	1234678-HpCDD	3.50E-02	1.54E-03	4.08E-05	8.13E-05	8.13E-05	8.13E-05	3.75E-02	1.47E-03	1.47E-03	1.60E-02	1.09E-03	1.09E-03	ND	ND
Gumweed		Gumweed	1234678-HpCDF	1.05E-02	4.63E-04	1.23E-05	2.44E-05	2.44E-05	2.44E-05	1.13E-02	4.41E-04	4.41E-04	4.80E-03	3.26E-04	3.26E-04	ND	ND
Gumweed		Gumweed	123478-HxCDD	9.18E-03	4.04E-04	1.07E-05	2.13E-05	2.13E-05	2.13E-05	9.83E-03	3.85E-04	3.85E-04	4.19E-03	2.85E-04	2.85E-04	ND	ND
Gumweed		Gumweed	123478-HxCDF	4.90E-05	2.16E-06	5.71E-08	1.14E-07	1.14E-07	1.14E-07	5.25E-05	2.06E-06	2.06E-06	2.24E-05	1.52E-06	1.52E-06	ND	ND
Gumweed		Gumweed	1234789-HpCDD	7.83E-05	3.44E-06	9.11E-08	1.82E-07	1.82E-07	1.82E-07	8.38E-05	3.28E-06	3.28E-06	3.57E-05	2.43E-06	2.43E-06	ND	ND
Gumweed		Gumweed	123678-HxCDD	3.23E-02	1.42E-03	3.76E-05	7.49E-05	7.49E-05	7.49E-05	3.46E-02	1.33E-03	1.33E-03	1.47E-02	1.00E-03	1.00E-03	ND	ND
Gumweed		Gumweed	123678-HxCDF	9.31E-05	4.09E-06	1.08E-07	2.16E-07	2.16E-07	2.16E-07	9.96E-05	3.90E-06	3.90E-06	4.24E-05	2.89E-06	2.89E-06	ND	ND
Gumweed		Gumweed	12378-PeCDD	3.85E-02	1.69E-03	4.48E-05	8.99E-05	8.99E-05	8.99E-05	4.13E-02	1.62E-03	1.62E-03	1.76E-02	1.20E-03	1.20E-03	ND	ND
Gumweed		Gumweed	12378-PeCDF	2.05E-03	9.03E-05	2.39E-06	4.80E-06	4.80E-06	4.80E-06	2.20E-03	8.64E-05	8.64E-05	9.40E-04	6.39E-05	6.39E-05	ND	ND
Gumweed		Gumweed	123789-HxCDD	2.26E-04	9.96E-06	2.63E-07	5.25E-07	5.25E-07	5.25E-07	2.42E-04	9.49E-06	9.49E-06	1.03E-04	7.02E-06	7.02E-06	ND	ND
Gumweed		Gumweed	123789-HxCDF	5.22E-05	2.30E-06	6.07E-08	1.21E-07	1.21E-07	1.21E-07	5.59E-05	2.19E-06	2.19E-06	2.38E-05	1.62E-06	1.62E-06	ND	ND
Gumweed		Gumweed	234678-HxCDF	1.92E-02	8.45E-04	2.23E-05	4.46E-05	4.46E-05	4.46E-05	2.06E-02	8.03E-04	8.03E-04	8.76E-03	5.96E-04	5.96E-04	ND	ND
Gumweed		Gumweed	23478-PeCDD	1.98E-02	8.69E-04	2.30E-05	4.61E-05	4.61E-05	4.61E-05	2.12E-02	8.31E-04	8.31E-04	9.04E-03	6.15E-04	6.15E-04	ND	ND
Gumweed		Gumweed	2378-TCDD	4.75E-02	2.09E-03	5.53E-05	1.10E-04	1.10E-04	1.10E-04	5.08E-02	1.99E-03	1.99E-03	2.16E-02	1.47E-03	1.47E-03	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU		American			Great		Golden		Bald		Deer		Mule		Kit		Soil	
Number	Matrix	Passerines	Kestrel	Horned Owl	Eagle	Eagle	Bald	Mouse	Deer	Jackrabbit	Fox	Plants	Fauna					
15 (cont.)	Gumweed	2378-TCDF	2.04E-02	8.97E-04	2.37E-05	4.73E-05	4.73E-05	2.91E-02	8.55E-04	9.30E-03	6.32E-04	ND	ND					
	Gumweed	OCDD	1.39E-02	6.10E-04	1.61E-05	3.22E-05	3.22E-05	1.48E-02	5.82E-04	6.32E-03	4.30E-04	ND	ND					
	Gumweed	OCDF	1.80E-03	7.92E-05	2.09E-06	4.18E-06	4.18E-06	1.93E-03	7.55E-05	8.21E-04	5.58E-05	ND	ND					
	Gumweed	TOTAL HpCDD	5.30E-02	2.33E-03	6.17E-05	1.23E-04	1.23E-04	5.68E+00	2.22E-01	2.42E+00	1.64E-01	ND	ND					
	Gumweed	TOTAL HpCDF	1.49E-02	6.56E-04	1.74E-05	3.46E-05	3.46E-05	1.60E+00	6.25E-02	6.80E-01	4.63E-02	ND	ND					
	Gumweed	TOTAL HxCDD	1.58E-01	6.97E-03	1.84E-04	3.68E-04	3.68E-04	1.70E+00	6.64E-02	7.22E-01	4.91E-02	ND	ND					
	Gumweed	TOTAL HxCDF	1.14E-01	5.03E-03	1.33E-04	2.65E-04	2.65E-04	1.22E+00	4.80E-02	5.21E-01	3.55E-02	ND	ND					
	Gumweed	TOTAL PeCDD	3.85E-02	1.69E-03	4.48E-05	8.99E-05	8.99E-05	8.27E-02	3.24E-03	3.52E-02	2.39E-03	ND	ND					
	Gumweed	TOTAL PeCDF	2.71E-01	1.19E-02	3.15E-04	6.33E-04	6.33E-04	5.82E-01	2.28E-02	2.48E-01	1.69E-02	ND	ND					
	Gumweed	TOTAL TCDD	1.35E-01	5.95E-03	1.57E-04	3.14E-04	3.14E-04	1.45E-01	5.67E-03	6.17E-02	4.19E-03	ND	ND					
	Gumweed	TOTAL TCDF	5.77E-02	2.54E-03	6.71E-05	1.34E-04	1.34E-04	6.18E-02	2.42E-03	2.63E-02	1.79E-03	ND	ND					
	Rabbitbrush	1234678-HpCDD	9.90E-02	4.35E-03	1.15E-04	2.30E-04	2.30E-04	1.06E-01	4.15E-03	4.51E-02	3.07E-03	ND	ND					
	Rabbitbrush	1234678-HpCDF	1.88E-02	8.26E-04	2.19E-05	4.36E-05	4.36E-05	2.01E-02	7.87E-04	8.56E-03	5.82E-04	ND	ND					
	Rabbitbrush	123478-HxCDD	2.59E-02	1.14E-03	3.01E-05	6.01E-05	6.01E-05	2.77E-02	1.09E-03	1.18E-02	8.02E-04	ND	ND					
	Rabbitbrush	123478-HxCDF	1.26E-04	5.55E-06	1.47E-07	2.93E-07	2.93E-07	1.35E-04	5.29E-06	5.76E-05	3.92E-06	ND	ND					
	Rabbitbrush	1234789-HpCDF	2.60E-04	1.15E-05	3.03E-07	6.04E-07	6.04E-07	2.79E-04	1.09E-05	1.19E-04	8.07E-06	ND	ND					
	Rabbitbrush	123678-HxCDD	2.17E-02	9.53E-04	2.52E-05	5.02E-05	5.02E-05	2.32E-02	9.08E-04	9.87E-03	6.71E-04	ND	ND					
	Rabbitbrush	123678-HxCDF	1.01E-04	4.43E-06	1.17E-07	2.34E-07	2.34E-07	1.08E-04	4.22E-06	4.59E-05	3.12E-06	ND	ND					
	Rabbitbrush	12378-PeCDD	1.39E-01	6.09E-03	1.61E-04	3.24E-04	3.24E-04	1.49E-01	5.83E-03	6.34E-02	4.31E-03	ND	ND					
	Rabbitbrush	12378-PeCDF	7.46E-03	3.28E-04	8.68E-06	1.74E-05	1.74E-05	8.00E-03	3.14E-04	3.41E-03	2.32E-04	ND	ND					
	Rabbitbrush	123789-HxCDD	8.67E-04	3.81E-05	1.01E-06	2.01E-06	2.01E-06	9.28E-04	3.63E-05	3.95E-04	2.69E-05	ND	ND					
	Rabbitbrush	123789-HxCDF	1.36E-04	5.97E-06	1.58E-07	3.15E-07	3.15E-07	1.45E-04	5.69E-06	6.18E-05	4.21E-06	ND	ND					
	Rabbitbrush	234678-HxCDF	4.28E-02	1.88E-03	4.98E-05	9.93E-05	9.93E-05	4.58E-02	1.79E-03	1.95E-02	1.33E-03	ND	ND					
	Rabbitbrush	23478-PeCDF	7.20E-02	3.17E-03	8.38E-05	1.68E-04	1.68E-04	7.72E-02	3.03E-03	3.29E-02	2.24E-03	ND	ND					
	Rabbitbrush	2378-TCDD	1.13E-01	4.98E-03	1.32E-04	2.63E-04	2.63E-04	1.21E-01	4.75E-03	5.16E-02	3.51E-03	ND	ND					
	Rabbitbrush	2378-TCDF	4.32E-02	1.90E-03	5.03E-05	1.00E-04	1.00E-04	6.16E-02	1.81E-03	1.97E-02	1.34E-03	ND	ND					
	Rabbitbrush	OCDD	8.26E-02	3.63E-03	9.61E-05	1.92E-04	1.92E-04	8.84E-02	3.46E-03	3.77E-02	2.56E-03	ND	ND					
	Rabbitbrush	OCDF	7.09E-03	3.12E-04	8.25E-06	1.64E-05	1.64E-05	7.59E-03	2.97E-04	3.23E-03	2.20E-04	ND	ND					
	Rabbitbrush	TOTAL HpCDD	4.95E-02	2.18E-03	5.76E-05	1.15E-04	1.15E-04	5.30E+00	2.07E-01	2.26E+00	1.53E-01	ND	ND					
	Rabbitbrush	TOTAL HpCDF	4.07E-02	1.79E-03	4.74E-05	9.45E-05	9.45E-05	4.36E+00	1.71E-01	1.86E+00	1.26E-01	ND	ND					
	Rabbitbrush	TOTAL HxCDD	7.30E-01	3.21E-02	8.50E-04	1.69E-03	1.69E-03	7.82E+00	3.06E-01	3.33E+00	2.26E-01	ND	ND					
	Rabbitbrush	TOTAL HxCDF	2.35E-01	1.03E-02	2.73E-04	5.45E-04	5.45E-04	2.51E+00	9.85E-02	1.07E+00	7.28E-02	ND	ND					
	Rabbitbrush	TOTAL PeCDD	1.39E-01	6.09E-03	1.61E-04	3.24E-04	3.24E-04	2.98E-01	1.17E-02	1.27E-01	8.62E-03	ND	ND					
	Rabbitbrush	TOTAL PeCDF	3.08E-01	1.36E-02	3.59E-04	7.20E-04	7.20E-04	6.62E-01	2.59E-02	2.82E-01	1.92E-02	ND	ND					
	Rabbitbrush	TOTAL TCDD	1.70E-01	7.47E-03	1.98E-04	3.94E-04	3.94E-04	1.82E-01	7.12E-03	7.74E-02	5.27E-03	ND	ND					
	Rabbitbrush	TOTAL TCDF	1.94E-01	8.52E-03	2.25E-04	4.49E-04	4.49E-04	2.07E-01	8.12E-03	8.83E-02	6.01E-03	ND	ND					
	Sweetclover	1234678-HpCDD	1.29E-02	5.66E-04	1.50E-05	2.99E-05	2.99E-05	3.21E-03	5.39E-04	5.87E-03	3.99E-04	ND	ND					
	Sweetclover	1234678-HpCDF	3.00E-03	1.32E-04	3.49E-06	6.96E-06	6.96E-06	3.21E-03	1.26E-04	1.37E-03	9.30E-05	ND	ND					
	Sweetclover	123478-HxCDD	3.82E-02	1.68E-03	4.44E-05	8.86E-05	8.86E-05	4.09E-02	1.60E-03	1.74E-02	1.18E-03	ND	ND					
	Sweetclover	123478-HxCDF	1.92E-04	8.42E-06	2.23E-07	4.44E-07	4.44E-07	2.05E-04	8.03E-06	8.73E-05	5.94E-06	ND	ND					
	Sweetclover	1234789-HpCDF	4.20E-04	1.85E-05	4.88E-07	9.73E-07	9.73E-07	4.49E-04	1.76E-05	1.91E-04	1.30E-05	ND	ND					

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	American				Golden				Bald				Mule				Kitt				Soil Fauna
			Passerines	Kestrel	Horned Owl	Great Eagle	Golden Eagle	Eagle	Eagle	Eagle	Eagle	Eagle	Eagle	Eagle	Deer Mouse	Deer	Jackrabbit	Fox	Plants	Plants	Plants	Plants	
15 (cont.)	Sweetclover	123678-HxCDD	3.19E-02	1.40E-03	3.72E-05	7.41E-05	7.41E-05	7.41E-05	7.41E-05	7.41E-05	7.41E-05	7.41E-05	7.41E-05	7.41E-05	3.42E-02	1.34E-03	1.46E-02	9.90E-04	ND	ND	ND	ND	ND
	Sweetclover	123678-HxCDF	1.53E-04	6.72E-06	1.78E-07	3.55E-07	3.55E-07	3.55E-07	3.55E-07	3.55E-07	3.55E-07	3.55E-07	3.55E-07	3.55E-07	1.64E-04	6.41E-06	6.97E-05	4.74E-06	ND	ND	ND	ND	ND
	Sweetclover	12378-PeCDD	1.12E-01	4.92E-03	1.30E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	1.20E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND	ND	ND	ND
	Sweetclover	12378-PeCDF	6.19E-03	2.72E-04	7.20E-06	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	1.45E-05	6.64E-03	2.60E-04	2.83E-03	1.93E-04	ND	ND	ND	ND	ND
	Sweetclover	123789-HxCDD	3.46E-04	1.52E-05	4.03E-07	8.03E-07	8.03E-07	8.03E-07	8.03E-07	8.03E-07	8.03E-07	8.03E-07	8.03E-07	8.03E-07	3.70E-04	1.45E-05	1.58E-04	1.07E-05	ND	ND	ND	ND	ND
	Sweetclover	123789-HxCDF	2.05E-04	9.02E-06	2.39E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07	2.20E-04	8.60E-06	9.35E-05	6.36E-06	ND	ND	ND	ND	ND
	Sweetclover	234678-HxCDF	1.84E-02	8.08E-04	2.14E-05	4.26E-05	4.26E-05	4.26E-05	4.26E-05	4.26E-05	4.26E-05	4.26E-05	4.26E-05	4.26E-05	1.97E-02	7.70E-04	8.37E-03	5.69E-04	ND	ND	ND	ND	ND
	Sweetclover	23478-PeCDD	5.98E-02	2.63E-03	6.96E-05	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	6.41E-02	2.52E-03	2.74E-02	1.86E-03	ND	ND	ND	ND	ND
	Sweetclover	2378-TCDD	1.22E-01	5.37E-03	1.42E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	1.31E-01	5.12E-03	5.57E-02	3.79E-03	ND	ND	ND	ND	ND
	Sweetclover	OCDD	9.81E-03	4.31E-04	1.14E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	1.40E-02	4.11E-04	4.47E-03	3.04E-04	ND	ND	ND	ND	ND
	Sweetclover	OCDF	2.08E-02	9.17E-04	2.43E-05	4.84E-05	4.84E-05	4.84E-05	4.84E-05	4.84E-05	4.84E-05	4.84E-05	4.84E-05	4.84E-05	2.23E-02	8.74E-04	9.50E-03	6.46E-04	ND	ND	ND	ND	ND
	Sweetclover	TOTAL HxCDD	7.58E-04	3.33E-05	8.82E-07	1.76E-06	1.76E-06	1.76E-06	1.76E-06	1.76E-06	1.76E-06	1.76E-06	1.76E-06	1.76E-06	8.11E-04	3.18E-05	3.45E-04	2.35E-05	ND	ND	ND	ND	ND
	Sweetclover	TOTAL HxCDF	3.10E-02	1.36E-03	3.61E-05	7.19E-05	7.19E-05	7.19E-05	7.19E-05	7.19E-05	7.19E-05	7.19E-05	7.19E-05	7.19E-05	3.32E+00	1.30E-01	1.41E+00	9.61E-02	ND	ND	ND	ND	ND
	Sweetclover	TOTAL HpCDD	1.27E-02	5.59E-04	1.48E-05	2.95E-05	2.95E-05	2.95E-05	2.95E-05	2.95E-05	2.95E-05	2.95E-05	2.95E-05	2.95E-05	1.36E+00	5.33E-02	5.80E-01	3.94E-02	ND	ND	ND	ND	ND
	Sweetclover	TOTAL HpCDF	3.47E-02	1.53E-03	4.04E-05	8.05E-05	8.05E-05	8.05E-05	8.05E-05	8.05E-05	8.05E-05	8.05E-05	8.05E-05	8.05E-05	3.71E-01	1.45E-02	1.58E-01	1.08E-02	ND	ND	ND	ND	ND
	Sweetclover	TOTAL PeCDD	1.81E-02	7.96E-04	2.11E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	1.94E-01	7.59E-03	8.25E-02	5.61E-03	ND	ND	ND	ND	ND
	Sweetclover	TOTAL PeCDF	1.12E-01	4.92E-03	1.30E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.61E-04	2.40E-01	9.41E-03	1.02E-01	6.96E-03	ND	ND	ND	ND	ND
	Sweetclover	TOTAL TCDD	9.20E-02	4.05E-03	1.07E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	1.98E-01	7.74E-03	8.42E-02	5.73E-03	ND	ND	ND	ND	ND
	Sweetclover	TOTAL TCDF	1.22E-01	5.37E-03	1.42E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	2.83E-04	1.31E-01	5.12E-03	5.57E-02	3.79E-03	ND	ND	ND	ND	ND
	Sweetclover	TOTAL TCDF	9.81E-03	4.31E-04	1.14E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	1.05E-02	4.11E-04	4.47E-03	3.04E-04	ND	ND	ND	ND	ND
1b	Gumweed	1234678-HpCDD	6.33E-02	2.79E-05	7.37E-07	1.47E-06	1.47E-06	1.47E-06	1.47E-06	1.47E-06	1.47E-06	1.47E-06	1.47E-06	1.47E-06	6.46E-02	2.66E-05	2.89E-04	1.96E-05	ND	ND	ND	ND	ND
	Gumweed	1234678-HpCDF	5.65E-03	2.49E-06	6.58E-08	1.31E-07	1.31E-07	1.31E-07	1.31E-07	1.31E-07	1.31E-07	1.31E-07	1.31E-07	1.31E-07	5.76E-03	2.37E-06	2.58E-05	1.75E-06	ND	ND	ND	ND	ND
	Gumweed	123478-HxCDD	4.19E-02	1.84E-05	4.88E-07	9.72E-07	9.72E-07	9.72E-07	9.72E-07	9.72E-07	9.72E-07	9.72E-07	9.72E-07	9.72E-07	4.27E-02	1.76E-05	1.91E-04	1.30E-05	ND	ND	ND	ND	ND
	Gumweed	123478-HxCDF	2.33E-04	1.02E-07	2.71E-09	5.40E-09	5.40E-09	5.40E-09	5.40E-09	5.40E-09	5.40E-09	5.40E-09	5.40E-09	5.40E-09	2.37E-04	9.76E-08	1.06E-06	7.22E-08	ND	ND	ND	ND	ND
	Gumweed	1234789-HpCDD	4.18E-04	1.84E-07	4.87E-09	9.71E-09	9.71E-09	9.71E-09	9.71E-09	9.71E-09	9.71E-09	9.71E-09	9.71E-09	9.71E-09	4.27E-04	1.75E-07	1.91E-06	1.30E-07	ND	ND	ND	ND	ND
	Gumweed	123678-HxCDD	3.50E-02	1.54E-05	4.07E-07	8.12E-07	8.12E-07	8.12E-07	8.12E-07	8.12E-07	8.12E-07	8.12E-07	8.12E-07	8.12E-07	3.57E-02	1.47E-05	1.60E-04	1.09E-05	ND	ND	ND	ND	ND
	Gumweed	123678-HxCDF	1.86E-04	8.17E-08	2.16E-09	4.31E-09	4.31E-09	4.31E-09	4.31E-09	4.31E-09	4.31E-09	4.31E-09	4.31E-09	4.31E-09	1.89E-04	7.79E-08	8.47E-07	5.76E-08	ND	ND	ND	ND	ND
	Gumweed	12378-PeCDD	1.33E-01	5.87E-05	1.55E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	1.36E-01	5.61E-05	6.10E-04	4.15E-05	ND	ND	ND	ND	ND
	Gumweed	12378-PeCDF	7.17E-03	3.16E-06	8.35E-08	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	7.33E-03	3.02E-06	3.28E-05	2.23E-06	ND	ND	ND	ND	ND
	Gumweed	123789-HxCDD	3.80E-04	1.67E-07	4.42E-09	8.81E-09	8.81E-09	8.81E-09	8.81E-09	8.81E-09	8.81E-09	8.81E-09	8.81E-09	8.81E-09	3.87E-04	1.59E-07	1.73E-06	1.18E-07	ND	ND	ND	ND	ND
	Gumweed	123789-HxCDF	2.49E-04	1.10E-07	2.90E-09	5.79E-09	5.79E-09	5.79E-09	5.79E-09	5.79E-09	5.79E-09	5.79E-09	5.79E-09	5.79E-09	2.54E-04	1.05E-07	1.14E-06	7.73E-08	ND	ND	ND	ND	ND
	Gumweed	234678-HxCDF	2.23E-02	9.82E-06	2.60E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	5.18E-07	2.28E-02	9.36E-06	1.02E-04	6.92E-06	ND	ND	ND	ND	ND
	Gumweed	23478-PeCDD	6.91E-02	3.04E-05	8.05E-07	1.62E-06	1.62E-06	1.62E-06	1.62E-06	1.62E-06	1.62E-06	1.62E-06	1.62E-06	1.62E-06	7.06E-02	2.91E-05	3.16E-04	2.15E-05	ND	ND	ND	ND	ND
	Gumweed	2378-TCDD	1.78E-01	7.85E-05	2.08E-06	4.14E-06	4.14E-06	4.14E-06	4.14E-06	4.14E-06	4.14E-06	4.14E-06	4.14E-06	4.14E-06	1.82E-01	7.48E-05	8.13E-04	5.53E-05	ND	ND	ND	ND	ND
	Gumweed	2378-TCDF	2.33E-02	1.02E-05	2.71E-07	5.41E-07	5.41E-07	5.41E-07	5.41E-07	5.41E-07	5.41E-07	5.41E-07	5.41E-07	5.41E-07	3.16E-02	9.77E-06	1.06E-04	7.22E-06	ND	ND	ND	ND	ND
	Gumweed	OCDD	5.19E-03	2.28E-06	6.04E-08	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	1.21E-07	5.30E-03	2.18E-06	2.37E-05	1.61E-06	ND	ND	ND	ND	ND
	Gumweed	OCDF	2.52E-03	1.11E-06	2.93E-08	5.84E-08	5.84E-08	5.84E-08	5.84E-08	5.84E-08	5.84E-08	5.84E-08	5.84E-08	5.84E-08	2.57E-03	1.06E-06	1.15E-05	7.81E-07	ND	ND	ND	ND	ND
	Gumweed	TOTAL HpCDD	1.34E-01	5.90E-05	1.56E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	1.37E+01	5.62E-03	6.11E-02	4.16E-03	ND	ND	ND	ND	ND
	Gumweed	TOTAL HpCDF	7.77E-03	3.42E-06	9.04E-08	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	7.92E-01	3.26E-04	3.54E-03	2.41E-04	ND	ND	ND	ND	ND
	Gumweed	TOTAL HxCDD	5.79E-01	2.55E-04	6.74E-06	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	5.90E+00	2.43E-03	2.64E-02	1.80E-03	ND	ND	ND	ND	ND
	Gumweed	TOTAL HxCDF	2.28E-02	1.00E-05	2.66E-07	5.30E-07	5.30E-07	5.30E-07	5.30E-07	5.30E-07	5.30E-07	5.30E-07	5.30E-07	5.30E-07	2.33E-01	9.57E-05	1.04E-03	7.08E-05	ND	ND	ND	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU		American				Great		Golden		Bald		Deer		Mule		Kit		Soil	
Number	Matrix	Passerines	Kestrel	Horned Owl	Eagle	Eagle	Bald	Deer	Mouse	Deer	Jackrabbit	Fox	Plants	Fauna					
1b (cont.)	Gumweed	TOTAL PeCDD	1.33E-01	5.87E-05	1.55E-06	3.11E-06	3.11E-06	2.73E-01	1.12E-04	1.12E-04	1.22E-03	8.30E-05	ND	ND					
	Gumweed	TOTAL PeCDF	7.04E-02	3.10E-05	8.20E-07	1.65E-06	1.65E-06	1.44E-01	5.93E-05	5.93E-05	6.45E-04	4.38E-05	ND	ND					
	Gumweed	TOTAL TCDD	1.80E-01	7.93E-05	2.10E-06	4.18E-06	4.18E-06	1.84E-01	7.56E-05	7.56E-05	8.22E-04	5.59E-05	ND	ND					
	Gumweed	TOTAL TCDF	8.87E-02	3.90E-05	1.03E-06	2.06E-06	2.06E-06	9.04E-02	3.72E-05	3.72E-05	4.04E-04	2.75E-05	ND	ND					
	Rabbitbrush	1234678-HpCDD	9.37E-03	4.12E-06	1.09E-07	2.17E-07	2.17E-07	9.55E-03	3.93E-06	3.93E-06	4.27E-05	2.91E-06	ND	ND					
	Rabbitbrush	1234678-HpCDF	7.15E-04	3.14E-07	8.32E-09	1.66E-08	1.66E-08	7.29E-04	3.00E-07	3.00E-07	3.26E-06	2.22E-07	ND	ND					
	Rabbitbrush	123478-HxCDD	1.07E-02	4.73E-06	1.25E-07	2.49E-07	2.49E-07	1.10E-02	4.51E-06	4.51E-06	4.90E-05	3.33E-06	ND	ND					
	Rabbitbrush	123478-HxCDF	5.58E-05	2.46E-08	6.50E-10	1.30E-09	1.30E-09	5.69E-05	2.34E-08	2.34E-08	2.55E-07	1.73E-08	ND	ND					
	Rabbitbrush	1234789-HpCDF	1.17E-04	5.16E-08	1.37E-09	2.72E-09	2.72E-09	1.20E-04	4.92E-08	4.92E-08	5.35E-07	3.64E-08	ND	ND					
	Rabbitbrush	123678-HxCDD	9.03E-03	3.97E-06	1.03E-07	2.09E-07	2.09E-07	9.20E-03	3.78E-06	3.78E-06	4.12E-05	2.80E-06	ND	ND					
1c	Rabbitbrush	123678-HxCDF	4.28E-05	1.88E-08	4.98E-10	9.93E-10	9.93E-10	4.36E-05	1.79E-08	1.79E-08	1.95E-07	1.33E-08	ND	ND					
	Rabbitbrush	12378-PeCDD	3.61E-02	1.59E-05	4.20E-07	8.44E-07	8.44E-07	3.69E-02	1.52E-05	1.52E-05	1.65E-04	1.12E-05	ND	ND					
	Rabbitbrush	12378-PeCDF	2.18E-03	9.60E-07	2.54E-08	5.10E-08	5.10E-08	2.23E-03	9.19E-07	9.19E-07	9.99E-06	6.80E-07	ND	ND					
	Rabbitbrush	123789-HxCDD	9.76E-05	4.29E-08	1.14E-09	2.26E-09	2.26E-09	9.95E-05	4.09E-08	4.09E-08	4.45E-07	3.03E-08	ND	ND					
	Rabbitbrush	123789-HxCDF	5.74E-05	2.52E-08	6.68E-10	1.33E-09	1.33E-09	5.85E-05	2.41E-08	2.41E-08	2.62E-07	1.78E-08	ND	ND					
	Rabbitbrush	234678-HxCDF	5.27E-03	2.32E-06	6.13E-08	1.22E-07	1.22E-07	5.37E-03	2.21E-06	2.21E-06	2.40E-05	1.63E-06	ND	ND					
	Rabbitbrush	23478-PeCDF	2.21E-02	9.72E-06	2.57E-07	5.16E-07	5.16E-07	2.26E-02	9.30E-06	9.30E-06	1.01E-04	6.88E-06	ND	ND					
	Rabbitbrush	2378-TCDD	3.81E-02	1.68E-05	4.43E-07	8.84E-07	8.84E-07	3.88E-02	1.60E-05	1.60E-05	1.74E-04	1.18E-05	ND	ND					
	Rabbitbrush	2378-TCDF	1.13E-03	1.38E-06	3.64E-08	7.26E-08	7.26E-08	4.25E-03	1.31E-06	1.31E-06	1.43E-05	9.71E-07	ND	ND					
	Rabbitbrush	OCDD	1.77E-03	7.79E-07	2.06E-08	4.11E-08	4.11E-08	1.81E-03	7.42E-07	7.42E-07	8.07E-06	5.49E-07	ND	ND					
	Rabbitbrush	OCDF	2.24E-04	9.87E-08	2.61E-09	5.21E-09	5.21E-09	2.29E-04	9.41E-08	9.41E-08	1.02E-06	6.96E-08	ND	ND					
	Rabbitbrush	TOTAL HpCDD	1.84E-02	8.08E-06	2.14E-07	4.26E-07	4.26E-07	1.87E+00	7.70E-04	7.70E-04	8.38E-03	5.70E-04	ND	ND					
	Rabbitbrush	TOTAL HpCDF	8.87E-04	3.90E-07	1.03E-08	2.06E-08	2.06E-08	9.04E-02	3.72E-05	3.72E-05	4.04E-04	2.75E-05	ND	ND					
	Rabbitbrush	TOTAL HxCDD	2.08E-02	9.14E-06	2.42E-07	4.82E-07	4.82E-07	2.12E-01	8.71E-05	8.71E-05	9.47E-04	6.44E-05	ND	ND					
	Rabbitbrush	TOTAL HxCDF	5.11E-03	2.25E-06	5.95E-08	1.19E-07	1.19E-07	5.21E-02	2.14E-05	2.14E-05	2.33E-04	1.59E-05	ND	ND					
	Rabbitbrush	TOTAL PeCDD	3.61E-02	1.59E-05	4.20E-07	8.44E-07	8.44E-07	7.39E-02	3.04E-05	3.04E-05	3.31E-04	2.25E-05	ND	ND					
	Rabbitbrush	TOTAL PeCDF	2.21E-02	9.72E-06	2.57E-07	5.16E-07	5.16E-07	4.52E-02	1.86E-05	1.86E-05	2.02E-04	1.38E-05	ND	ND					
	Rabbitbrush	TOTAL TCDD	3.81E-02	1.68E-05	4.43E-07	8.84E-07	8.84E-07	3.88E-02	1.60E-05	1.60E-05	1.74E-04	1.18E-05	ND	ND					
	Rabbitbrush	TOTAL TCDF	5.95E-02	2.62E-05	6.93E-07	1.38E-06	1.38E-06	6.07E-02	2.50E-05	2.50E-05	2.71E-04	1.85E-05	ND	ND					
	Gumweed	1234678-HpCDD	7.70E-03	1.36E-04	3.58E-06	7.15E-06	7.15E-06	8.24E-03	1.29E-04	1.29E-04	1.40E-03	9.55E-05	ND	ND					
Gumweed	1234678-HpCDF	1.05E-01	1.84E-03	4.87E-05	9.71E-05	9.71E-05	1.12E-01	1.76E-03	1.76E-03	1.91E-02	1.30E-03	ND	ND						
Gumweed	123478-HxCDD	6.21E-02	1.09E-03	2.89E-05	5.76E-05	5.76E-05	6.65E-02	1.04E-03	1.04E-03	1.13E-02	7.70E-04	ND	ND						
Gumweed	123478-HxCDF	2.12E-03	3.73E-05	9.88E-07	1.97E-06	1.97E-06	2.27E-03	3.56E-05	3.56E-05	3.87E-04	2.63E-05	ND	ND						
Gumweed	1234789-HpCDF	6.27E-04	1.10E-05	2.92E-07	5.82E-07	5.82E-07	6.71E-04	1.05E-05	1.05E-05	1.14E-04	7.77E-06	ND	ND						
Gumweed	123678-HxCDD	5.19E-02	9.13E-04	2.42E-05	4.82E-05	4.82E-05	5.56E-02	8.71E-04	8.71E-04	9.47E-03	6.44E-04	ND	ND						
Gumweed	123678-HxCDF	2.79E-04	4.91E-06	1.30E-07	2.59E-07	2.59E-07	2.99E-04	4.68E-06	4.68E-06	5.09E-05	3.46E-06	ND	ND						
Gumweed	12378-PeCDD	2.10E-01	3.70E-03	9.79E-05	1.96E-04	1.96E-04	2.26E-01	3.54E-03	3.54E-03	3.85E-02	2.62E-03	ND	ND						
Gumweed	12378-PeCDF	1.35E-02	2.37E-04	6.28E-06	1.26E-05	1.26E-05	1.45E-02	2.47E-04	2.47E-04	2.71E-03	1.68E-04	ND	ND						
Gumweed	123789-HxCDD	5.63E-04	9.90E-06	2.62E-07	5.22E-07	5.22E-07	6.02E-04	9.43E-06	9.43E-06	1.03E-04	6.98E-06	ND	ND						
Gumweed	123789-HxCDF	3.75E-04	6.60E-06	1.75E-07	3.48E-07	3.48E-07	4.02E-04	6.29E-06	6.29E-06	6.84E-05	4.65E-06	ND	ND						
Gumweed	234678-HxCDF	3.36E-02	5.91E-04	1.56E-05	3.12E-05	3.12E-05	3.60E-02	5.64E-04	5.64E-04	6.13E-03	4.7E-04	ND	ND						

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU																
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna			
1c (cont.)	Gumweed	23478-PeCDF	1.30E-01	2.29E-03	6.06E-05	1.22E-04	1.22E-04	1.40E-01	2.19E-03	2.38E-02	1.62E-03	ND	ND			
	Gumweed	2378-TCDD	2.84E-01	4.99E-03	1.32E-04	2.63E-04	2.63E-04	3.04E-01	4.76E-03	5.18E-02	3.52E-03	ND	ND			
	Gumweed	2378-TCDF	2.25E-02	3.97E-04	1.05E-05	2.09E-05	2.09E-05	3.21E-02	3.78E-04	4.11E-03	2.80E-04	ND	ND			
	Gumweed	OCDD	4.28E-03	7.54E-05	1.99E-06	3.98E-06	3.98E-06	4.59E-03	7.18E-05	7.81E-04	5.31E-05	ND	ND			
	Gumweed	OCDF	1.95E-02	3.44E-04	9.09E-06	1.81E-05	1.81E-05	2.09E-02	3.28E-04	3.56E-03	2.42E-04	ND	ND			
	Gumweed	TOTAL HpCDD	7.70E-03	1.36E-04	3.58E-06	7.15E-06	7.15E-06	8.24E-01	1.29E-02	1.40E-01	9.55E-03	ND	ND			
	Gumweed	TOTAL HpCDF	1.05E-01	1.84E-03	4.87E-05	9.71E-05	9.71E-05	6.04E-01	1.76E-01	1.91E+00	1.30E-01	ND	ND			
	Gumweed	TOTAL HxCDD	5.65E-02	9.93E-04	2.63E-05	5.24E-05	5.24E-05	4.08E+00	6.40E-02	6.95E-01	7.00E-03	ND	ND			
	Gumweed	TOTAL HxCDF	3.81E-01	6.71E-03	1.78E-04	3.54E-04	3.54E-04	4.52E-01	7.08E-03	7.70E-02	5.24E-03	ND	ND			
	Gumweed	TOTAL PeCDD	2.10E-01	3.70E-03	9.79E-05	1.96E-04	1.96E-04	1.67E+00	2.62E-02	2.84E-01	1.93E-02	ND	ND			
	Gumweed	TOTAL TCDD	2.84E-01	4.99E-03	1.32E-04	2.63E-04	2.63E-04	3.04E-01	4.76E-03	5.18E-02	3.52E-03	ND	ND			
	Gumweed	TOTAL TCDF	2.25E-02	3.97E-04	1.05E-05	2.09E-05	2.09E-05	2.41E-02	3.78E-04	4.11E-03	2.80E-04	ND	ND			
	Rabbitbrush	1234678-HpCDD	2.21E-03	3.89E-05	1.03E-06	2.05E-06	2.05E-06	2.37E-03	3.71E-05	4.03E-04	2.74E-05	ND	ND			
	Rabbitbrush	1234678-HpCDF	1.68E-03	2.95E-05	7.80E-07	1.56E-06	1.56E-06	1.79E-03	2.81E-05	3.06E-04	2.08E-05	ND	ND			
	Rabbitbrush	123478-HxCDD	1.42E-02	2.51E-04	6.63E-06	1.32E-05	1.32E-05	1.52E-02	2.39E-04	2.60E-03	1.77E-04	ND	ND			
	Rabbitbrush	123478-HxCDF	6.99E-05	1.23E-06	3.25E-08	6.49E-08	6.49E-08	7.48E-05	1.17E-06	1.27E-05	8.67E-07	ND	ND			
	Rabbitbrush	1234789-HpCDF	1.52E-04	2.67E-06	7.07E-08	1.41E-07	1.41E-07	1.63E-04	2.55E-06	2.77E-05	1.88E-06	ND	ND			
	Rabbitbrush	123678-HxCDD	1.19E-02	2.09E-04	5.54E-06	1.10E-05	1.10E-05	1.27E-02	2.00E-04	2.17E-03	1.48E-04	ND	ND			
	Rabbitbrush	123678-HxCDF	5.58E-05	9.82E-07	2.60E-08	5.18E-08	5.18E-08	5.98E-05	9.36E-07	1.02E-05	6.92E-07	ND	ND			
	Rabbitbrush	12378-PeCDD	4.29E-02	7.55E-04	2.00E-05	4.01E-05	4.01E-05	4.60E-02	7.22E-04	7.85E-03	5.34E-04	ND	ND			
	Rabbitbrush	12378-PeCDF	2.18E-03	3.84E-05	1.02E-06	2.04E-06	2.04E-06	2.34E-03	3.68E-05	4.00E-04	2.72E-05	ND	ND			
	Rabbitbrush	123789-HxCDD	1.29E-04	2.27E-06	6.00E-08	1.20E-07	1.20E-07	1.38E-04	2.16E-06	2.35E-05	1.60E-06	ND	ND			
	Rabbitbrush	123789-HxCDF	7.46E-05	1.31E-06	3.47E-08	6.93E-08	6.93E-08	7.99E-05	1.25E-06	1.36E-05	9.25E-07	ND	ND			
	Rabbitbrush	234678-HxCDF	1.69E-02	2.98E-04	7.88E-06	1.57E-05	1.57E-05	1.81E-02	2.84E-04	3.09E-03	2.10E-04	ND	ND			
	Rabbitbrush	23478-PeCDF	2.11E-02	3.70E-04	9.80E-06	1.97E-05	1.97E-05	2.26E-02	3.54E-04	3.85E-03	2.62E-04	ND	ND			
	Rabbitbrush	2378-TCDD	4.44E-02	7.80E-04	2.06E-05	4.12E-05	4.12E-05	4.75E-02	7.44E-04	8.09E-03	5.50E-04	ND	ND			
	Rabbitbrush	2378-TCDF	2.16E-02	3.79E-04	1.00E-05	2.00E-05	2.00E-05	3.07E-02	3.61E-04	3.93E-03	2.67E-04	ND	ND			
	Rabbitbrush	OCDD	5.00E-04	8.80E-06	2.33E-07	4.64E-07	4.64E-07	5.36E-04	8.39E-06	9.12E-05	6.21E-06	ND	ND			
	Rabbitbrush	OCDF	3.26E-04	5.73E-06	1.52E-07	3.02E-07	3.02E-07	3.49E-04	5.46E-06	5.94E-05	4.04E-06	ND	ND			
	Rabbitbrush	TOTAL HpCDD	2.21E-03	3.89E-05	1.03E-06	2.05E-06	2.05E-06	2.37E-01	3.71E-03	4.03E-02	2.74E-03	ND	ND			
	Rabbitbrush	TOTAL HpCDF	1.68E-03	2.95E-05	7.80E-07	1.56E-06	1.56E-06	1.79E-01	2.81E-03	3.06E-02	2.08E-03	ND	ND			
	Rabbitbrush	TOTAL HxCDD	1.29E-02	2.28E-04	6.02E-06	1.20E-05	1.20E-05	1.39E-01	2.17E-03	2.36E-02	1.60E-03	ND	ND			
	Rabbitbrush	TOTAL HxCDF	3.39E-02	5.96E-04	1.58E-05	3.14E-05	3.14E-05	3.62E-01	5.68E-03	6.17E-02	4.20E-03	ND	ND			
	Rabbitbrush	TOTAL PeCDD	4.29E-02	7.55E-04	2.00E-05	4.01E-05	4.01E-05	9.22E-02	1.44E-03	1.57E-02	1.07E-03	ND	ND			
	Rabbitbrush	TOTAL PeCDF	1.18E-01	2.07E-03	5.48E-05	1.10E-04	1.10E-04	2.53E-01	3.96E-03	4.31E-02	2.93E-03	ND	ND			
	Rabbitbrush	TOTAL TCDD	1.61E-01	2.83E-03	7.49E-05	1.49E-04	1.49E-04	1.72E-01	2.70E-03	2.93E-02	1.99E-03	ND	ND			
	Rabbitbrush	TOTAL TCDF	1.16E-01	2.05E-03	5.42E-05	1.08E-04	1.08E-04	1.25E-01	1.95E-03	2.12E-02	1.44E-03	ND	ND			
	Gumweed	1234678-HpCDD	1.08E-01	2.86E-05	7.57E-07	1.51E-06	1.51E-06	6.63E-02	2.73E-05	2.96E-04	2.02E-05	ND	ND			
	Gumweed	1234678-HpCDF	7.22E-04	1.91E-07	5.04E-09	1.00E-08	1.00E-08	4.42E-04	1.82E-07	1.97E-06	1.34E-07	ND	ND			
	Gumweed	123478-HxCDD	1.17E-02	3.08E-06	8.14E-08	1.62E-07	1.62E-07	7.13E-03	2.93E-06	3.19E-05	2.17E-06	ND	ND			

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Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	American			Golden		Bald		Deer		Mule		Kit		Soil	
			Passerines	Kestrel	Horned Owl	Eagle	Eagle	Eagle	Eagle	Mouse	Deer	Deer	Deer	Jackrabbit	Fox	Plants	Fauna
21 (cont.)	Gumweed	123478-HxCDF	5.78E-05	1.53E-08	4.04E-10	8.05E-10	8.05E-10	8.05E-10	8.05E-10	3.54E-05	1.45E-08	1.45E-08	1.45E-08	1.58E-07	1.08E-08	ND	ND
	Gumweed	123478-HpCDF	1.18E-04	3.12E-08	8.24E-10	1.64E-09	1.64E-09	1.64E-09	1.64E-09	7.22E-05	2.97E-08	2.97E-08	2.97E-08	3.23E-07	2.20E-08	ND	ND
	Gumweed	123678-HxCDD	5.46E-02	1.44E-05	3.81E-07	7.60E-07	7.60E-07	7.60E-07	7.60E-07	3.34E-02	1.37E-05	1.37E-05	1.37E-05	1.49E-04	1.02E-05	ND	ND
	Gumweed	123678-HxCDF	4.63E-05	1.22E-08	3.23E-10	6.45E-10	6.45E-10	6.45E-10	6.45E-10	2.83E-05	1.16E-08	1.16E-08	1.16E-08	1.27E-07	8.62E-09	ND	ND
	Gumweed	12378-PeCDD	3.56E-02	9.40E-06	2.49E-07	4.99E-07	4.99E-07	4.99E-07	4.99E-07	2.18E-02	9.00E-06	9.00E-06	9.00E-06	9.78E-05	6.65E-06	ND	ND
	Gumweed	12378-PeCDF	2.07E-03	5.46E-07	1.44E-08	2.90E-08	2.90E-08	2.90E-08	2.90E-08	1.27E-03	5.22E-07	5.22E-07	5.22E-07	5.68E-06	3.86E-07	ND	ND
	Gumweed	123789-HxCDD	1.06E-04	2.79E-08	7.38E-10	1.47E-09	1.47E-09	1.47E-09	1.47E-09	6.46E-05	2.66E-08	2.66E-08	2.66E-08	2.89E-07	1.97E-08	ND	ND
	Gumweed	123789-HxCDF	6.20E-05	1.64E-08	4.33E-10	8.63E-10	8.63E-10	8.63E-10	8.63E-10	3.79E-05	1.56E-08	1.56E-08	1.56E-08	1.69E-07	1.15E-08	ND	ND
	Gumweed	234678-HxCDF	1.42E-02	3.75E-06	9.93E-08	1.98E-07	1.98E-07	1.98E-07	1.98E-07	8.70E-03	3.58E-06	3.58E-06	3.58E-06	5.47E-05	3.72E-06	ND	ND
	Gumweed	23478-PeCDF	1.99E-02	5.26E-06	1.39E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07	1.22E-02	5.03E-06	5.03E-06	5.03E-06	1.35E-04	9.18E-06	ND	ND
	Gumweed	2378-TCDD	4.94E-02	1.30E-05	3.45E-07	6.87E-07	6.87E-07	6.87E-07	6.87E-07	3.02E-02	1.24E-05	1.24E-05	1.24E-05	2.46E-05	1.68E-06	ND	ND
	Gumweed	2378-TCDF	9.01E-03	2.38E-06	6.29E-08	1.25E-07	1.25E-07	1.25E-07	1.25E-07	7.34E-03	2.27E-06	2.27E-06	2.27E-06	2.46E-05	1.68E-06	ND	ND
	Gumweed	OCDD	7.87E-02	2.08E-05	5.49E-07	1.10E-06	1.10E-06	1.10E-06	1.10E-06	4.81E-02	1.98E-05	1.98E-05	1.98E-05	2.15E-04	1.46E-05	ND	ND
	Gumweed	OCDF	4.43E-03	1.17E-06	3.09E-08	6.17E-08	6.17E-08	6.17E-08	6.17E-08	2.71E-03	1.11E-06	1.11E-06	1.11E-06	1.21E-05	8.25E-07	ND	ND
	Gumweed	TOTAL HpCDD	2.31E-01	6.09E-05	1.61E-06	3.21E-06	3.21E-06	3.21E-06	3.21E-06	1.41E+01	5.80E-03	5.80E-03	5.80E-03	6.31E-02	4.29E-03	ND	ND
	Gumweed	TOTAL HpCDF	1.73E-02	4.56E-06	1.21E-07	2.40E-07	2.40E-07	2.40E-07	2.40E-07	1.06E+00	4.34E-04	4.34E-04	4.34E-04	4.72E-03	3.21E-04	ND	ND
	Gumweed	TOTAL HxCDD	5.57E-01	1.47E-04	3.89E-06	7.76E-06	7.76E-06	7.76E-06	7.76E-06	3.41E+00	1.40E-03	1.40E-03	1.40E-03	1.52E-02	1.04E-03	ND	ND
	Gumweed	TOTAL HxCDF	1.91E-01	5.04E-05	1.33E-06	2.66E-06	2.66E-06	2.66E-06	2.66E-06	1.17E+00	4.80E-04	4.80E-04	4.80E-04	5.22E-03	3.55E-04	ND	ND
	Gumweed	TOTAL PeCDD	1.20E-01	3.17E-05	8.38E-07	1.68E-06	1.68E-06	1.68E-06	1.68E-06	1.47E-01	6.06E-05	6.06E-05	6.06E-05	6.59E-04	4.48E-05	ND	ND
	Gumweed	TOTAL PeCDF	2.55E-01	6.73E-05	1.78E-06	3.58E-06	3.58E-06	3.58E-06	3.58E-06	3.13E-01	1.29E-04	1.29E-04	1.29E-04	1.40E-03	9.53E-05	ND	ND
	Gumweed	TOTAL TCDD	4.94E-02	1.30E-05	3.45E-07	6.87E-07	6.87E-07	6.87E-07	6.87E-07	3.02E-02	1.24E-05	1.24E-05	1.24E-05	1.35E-04	9.18E-06	ND	ND
	Gumweed	TOTAL TCDF	4.81E-02	1.27E-05	3.36E-07	6.69E-07	6.69E-07	6.69E-07	6.69E-07	2.94E-02	1.21E-05	1.21E-05	1.21E-05	1.31E-04	8.94E-06	ND	ND
	Rabbitbrush	1234678-HpCDD	1.05E-01	2.77E-05	7.34E-07	1.46E-06	1.46E-06	1.46E-06	1.46E-06	6.43E-02	2.64E-05	2.64E-05	2.64E-05	2.87E-04	1.95E-05	ND	ND
	Rabbitbrush	1234678-HpCDF	9.94E-03	2.62E-06	6.94E-08	1.38E-07	1.38E-07	1.38E-07	1.38E-07	6.08E-03	2.50E-06	2.50E-06	2.50E-06	2.72E-05	1.85E-06	ND	ND
	Rabbitbrush	123478-HxCDD	3.57E-02	9.41E-06	2.49E-07	4.96E-07	4.96E-07	4.96E-07	4.96E-07	2.18E-02	8.97E-06	8.97E-06	8.97E-06	9.75E-05	6.63E-06	ND	ND
	Rabbitbrush	123478-HxCDF	3.30E-05	8.72E-09	2.31E-10	4.60E-10	4.60E-10	4.60E-10	4.60E-10	2.02E-05	8.31E-09	8.31E-09	8.31E-09	1.78E-07	1.21E-08	ND	ND
	Rabbitbrush	1234789-HpCDF	6.52E-05	1.72E-08	4.55E-10	9.08E-10	9.08E-10	9.08E-10	9.08E-10	3.99E-05	1.64E-08	1.64E-08	1.64E-08	1.39E-04	9.43E-06	ND	ND
	Rabbitbrush	123678-HxCDD	5.07E-02	1.34E-05	3.54E-07	7.05E-07	7.05E-07	7.05E-07	7.05E-07	3.10E-02	1.27E-05	1.27E-05	1.27E-05	1.78E-07	1.21E-08	ND	ND
	Rabbitbrush	123678-HxCDF	2.63E-05	6.94E-09	1.84E-10	3.66E-10	3.66E-10	3.66E-10	3.66E-10	1.61E-05	6.62E-09	6.62E-09	6.62E-09	7.20E-08	4.89E-09	ND	ND
	Rabbitbrush	12378-PeCDD	1.68E-01	4.42E-05	1.17E-06	2.35E-06	2.35E-06	2.35E-06	2.35E-06	1.03E-01	4.23E-05	4.23E-05	4.23E-05	4.60E-04	3.13E-05	ND	ND
	Rabbitbrush	12378-PeCDF	2.09E-03	5.52E-07	1.46E-08	2.93E-08	2.93E-08	2.93E-08	2.93E-08	1.28E-03	5.28E-07	5.28E-07	5.28E-07	5.74E-06	3.90E-07	ND	ND
	Rabbitbrush	123789-HxCDD	1.30E-03	3.43E-07	9.08E-09	1.81E-08	1.81E-08	1.81E-08	1.81E-08	7.95E-04	3.27E-07	3.27E-07	3.27E-07	3.56E-06	2.42E-07	ND	ND
	Rabbitbrush	123789-HxCDF	3.54E-05	9.35E-09	2.47E-10	4.93E-10	4.93E-10	4.93E-10	4.93E-10	2.17E-05	8.91E-09	8.91E-09	8.91E-09	9.69E-08	6.59E-09	ND	ND
	Rabbitbrush	234678-HxCDF	1.92E-02	5.07E-06	1.34E-07	2.67E-07	2.67E-07	2.67E-07	2.67E-07	1.17E-02	4.83E-06	4.83E-06	4.83E-06	5.25E-05	3.57E-06	ND	ND
	Rabbitbrush	23478-PeCDD	2.01E-02	5.32E-06	1.41E-07	2.82E-07	2.82E-07	2.82E-07	2.82E-07	1.23E-02	5.09E-06	5.09E-06	5.09E-06	5.53E-05	3.76E-06	ND	ND
	Rabbitbrush	2378-TCDD	4.04E-02	1.07E-05	2.82E-07	5.63E-07	5.63E-07	5.63E-07	5.63E-07	2.47E-02	1.02E-05	1.02E-05	1.02E-05	1.11E-04	7.52E-06	ND	ND
	Rabbitbrush	2378-TCDF	4.36E-02	1.15E-05	3.05E-07	6.08E-07	6.08E-07	6.08E-07	6.08E-07	3.56E-02	1.10E-05	1.10E-05	1.10E-05	1.19E-04	8.12E-06	ND	ND
	Rabbitbrush	OCDD	1.20E-01	3.16E-05	8.35E-07	1.66E-06	1.66E-06	1.66E-06	1.66E-06	7.31E-02	3.01E-05	3.01E-05	3.01E-05	3.27E-04	2.22E-05	ND	ND
	Rabbitbrush	OCDF	6.62E-03	1.75E-06	4.62E-08	9.21E-08	9.21E-08	9.21E-08	9.21E-08	4.03E-03	1.66E-06	1.66E-06	1.66E-06	1.81E-05	1.23E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	2.23E-01	5.89E-05	1.56E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	1.36E+01	5.61E-03	5.61E-03	5.61E-03	6.10E-02	4.15E-03	ND	ND
	Rabbitbrush	TOTAL HpCDF	2.25E-02	5.94E-06	1.57E-07	3.13E-07	3.13E-07	3.13E-07	3.13E-07	1.38E+00	5.66E-04	5.66E-04	5.66E-04	6.15E-03	4.18E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU														
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna	
21 (cont.)	Rabbitbrush	TOTAL HxCDD	7.16E-01	1.89E-04	5.00E-06	9.97E-06	9.97E-06	4.38E+00	1.80E-03	1.96E-02	1.33E-03	ND	ND	
	Rabbitbrush	TOTAL HxCDF	1.00E-01	2.64E-05	6.98E-07	1.39E-06	1.39E-06	6.12E-01	2.52E-04	2.74E-03	1.86E-04	ND	ND	
	Rabbitbrush	TOTAL PeCDD	2.78E-01	7.34E-05	1.94E-06	3.90E-06	3.90E-06	3.42E-01	1.41E-04	1.53E-03	1.04E-04	ND	ND	
	Rabbitbrush	TOTAL PeCDF	2.27E-01	5.98E-05	1.58E-06	3.18E-06	3.18E-06	2.78E-01	1.14E-04	1.24E-03	8.46E-05	ND	ND	
	Rabbitbrush	TOTAL TCDD	4.04E-02	1.07E-05	2.82E-07	5.63E-07	5.63E-07	2.47E-02	1.02E-05	1.11E-04	7.52E-06	ND	ND	
	Rabbitbrush	TOTAL TCDF	1.92E-01	5.06E-05	1.34E-06	2.67E-06	2.67E-06	1.17E-01	4.82E-05	5.24E-04	3.57E-05	ND	ND	
37	Ambrosia	1234678-HpCDD	1.08E-01	6.63E-05	1.75E-06	3.50E-06	3.50E-06	1.15E-01	6.32E-05	6.87E-04	4.67E-05	ND	ND	
	Ambrosia	1234678-HpCDF	8.98E-04	5.53E-07	1.46E-08	2.92E-08	2.92E-08	9.61E-04	5.27E-07	5.73E-06	3.90E-07	ND	ND	
	Ambrosia	123478-HxCDD	6.90E-02	4.25E-05	1.12E-06	2.24E-06	2.24E-06	7.38E-02	4.05E-05	4.40E-04	2.99E-05	ND	ND	
	Ambrosia	123478-HxCDF	2.40E-04	1.48E-07	3.92E-09	7.81E-09	7.81E-09	2.57E-04	1.41E-07	1.53E-06	1.04E-07	ND	ND	
	Ambrosia	1234789-HpCDF	1.38E-04	8.48E-08	2.24E-09	4.47E-09	4.47E-09	1.47E-04	8.09E-08	8.79E-07	5.98E-08	ND	ND	
	Ambrosia	123678-HxCDD	8.37E-02	5.15E-05	1.36E-06	2.72E-06	2.72E-06	8.96E-02	4.91E-05	5.34E-04	3.63E-05	ND	ND	
	Ambrosia	123678-HxCDF	6.00E-05	3.70E-08	9.78E-10	1.95E-09	1.95E-09	6.42E-05	3.52E-08	3.83E-07	2.60E-08	ND	ND	
	Ambrosia	12378-PeCDD	1.87E-01	1.15E-04	3.04E-06	6.10E-06	6.10E-06	2.00E-01	1.10E-04	1.20E-03	8.13E-05	ND	ND	
	Ambrosia	12378-PeCDF	2.99E-03	1.84E-06	4.87E-08	9.78E-08	9.78E-08	3.21E-03	1.76E-06	1.91E-05	1.30E-06	ND	ND	
	Ambrosia	123789-HxCDD	5.96E-04	3.67E-07	9.71E-09	1.94E-08	1.94E-08	6.38E-04	3.50E-07	3.80E-06	2.59E-07	ND	ND	
	Ambrosia	123789-HxCDF	8.04E-05	4.95E-08	1.31E-09	2.61E-09	2.61E-09	8.60E-05	4.72E-08	5.13E-07	3.49E-08	ND	ND	
	Ambrosia	234678-HxCDF	2.31E-02	1.42E-05	3.76E-07	7.51E-07	7.51E-07	2.47E-02	1.36E-05	1.47E-04	1.00E-05	ND	ND	
	Ambrosia	23478-PeCDF	3.02E-02	1.86E-05	4.91E-07	9.86E-07	9.86E-07	3.23E-02	1.78E-05	1.93E-04	1.31E-05	ND	ND	
	Ambrosia	2378-TCDD	5.53E-02	3.41E-05	9.01E-07	1.80E-06	1.80E-06	5.92E-02	3.25E-05	3.53E-04	2.40E-05	ND	ND	
	Ambrosia	2378-TCDF	1.25E-02	7.72E-06	2.04E-07	4.07E-07	4.07E-07	1.79E-02	7.36E-06	8.00E-05	5.44E-06	ND	ND	
	Ambrosia	OCDD	3.15E-02	1.94E-05	5.13E-07	1.02E-06	1.02E-06	3.37E-02	1.85E-05	2.01E-04	1.37E-05	ND	ND	
	Ambrosia	OCDF	1.32E-03	8.14E-07	2.15E-08	4.29E-08	4.29E-08	1.41E-03	7.76E-07	8.44E-06	5.74E-07	ND	ND	
	Ambrosia	TOTAL HpCDD	1.97E-01	1.21E-04	3.21E-06	6.40E-06	6.40E-06	2.11E+01	1.16E-02	1.16E-02	1.26E-01	8.56E-03	ND	ND
	Ambrosia	TOTAL HpCDF	9.64E-03	5.94E-06	1.57E-07	3.13E-07	3.13E-07	1.03E+00	5.66E-04	6.15E-03	4.19E-04	ND	ND	ND
	Ambrosia	TOTAL HxCDD	7.40E-01	4.56E-04	1.21E-05	2.40E-05	2.40E-05	7.92E+00	4.35E-03	4.72E-02	3.21E-03	ND	ND	ND
	Ambrosia	TOTAL HxCDF	1.84E-01	1.13E-04	2.99E-06	5.97E-06	5.97E-06	1.97E+00	1.08E-03	1.17E-02	7.97E-04	ND	ND	ND
	Ambrosia	TOTAL PeCDD	3.12E-01	1.92E-04	5.08E-06	1.02E-05	1.02E-05	6.69E-01	3.67E-04	3.99E-03	2.71E-04	ND	ND	ND
	Ambrosia	TOTAL PeCDF	3.97E-01	2.45E-04	6.47E-06	1.30E-05	1.30E-05	8.54E-01	4.68E-04	5.09E-03	3.46E-04	ND	ND	ND
	Ambrosia	TOTAL TCDD	5.53E-02	3.41E-05	9.01E-07	1.80E-06	1.80E-06	5.92E-02	3.25E-05	3.53E-04	2.40E-05	ND	ND	ND
Ambrosia	TOTAL TCDF	2.51E-02	1.54E-05	4.08E-07	8.14E-07	8.14E-07	2.68E-02	1.47E-05	1.60E-04	1.09E-05	ND	ND	ND	
Rabbitbrush	1234678-HpCDD	4.52E-01	2.78E-04	7.36E-06	1.47E-05	1.47E-05	4.84E-01	2.65E-04	2.88E-03	1.96E-04	ND	ND	ND	
Rabbitbrush	1234678-HpCDF	2.73E-02	1.68E-05	4.45E-07	8.86E-07	8.86E-07	2.92E-02	1.60E-05	1.74E-04	1.18E-05	ND	ND	ND	
Rabbitbrush	123478-HxCDD	2.81E-01	1.73E-04	4.58E-06	9.13E-06	9.13E-06	3.01E-01	1.65E-04	1.79E-03	1.22E-04	ND	ND	ND	
Rabbitbrush	123478-HxCDF	1.08E-03	6.66E-07	1.76E-08	3.51E-08	3.51E-08	1.16E-03	6.35E-07	6.90E-06	4.69E-07	ND	ND	ND	
Rabbitbrush	1234789-HpCDF	7.95E-04	4.89E-07	1.29E-08	2.58E-08	2.58E-08	8.51E-04	4.66E-07	5.07E-06	3.45E-07	ND	ND	ND	
Rabbitbrush	123678-HxCDD	3.54E-01	2.18E-04	5.76E-06	1.15E-05	1.15E-05	3.78E-01	2.08E-04	2.26E-03	1.53E-04	ND	ND	ND	
Rabbitbrush	123678-HxCDF	5.23E-04	3.22E-07	8.52E-09	1.70E-08	1.70E-08	5.60E-04	3.07E-07	3.34E-06	2.27E-07	ND	ND	ND	
Rabbitbrush	12378-PeCDD	9.33E-01	5.75E-04	1.52E-05	3.05E-05	3.05E-05	1.00E+00	5.50E-04	5.98E-03	4.07E-04	ND	ND	ND	
Rabbitbrush	12378-PeCDF	4.99E-03	3.07E-06	8.13E-08	1.63E-07	1.63E-07	1.63E-07	5.35E-03	2.94E-06	3.20E-05	2.17E-06	ND	ND	
Rabbitbrush	123789-HxCDD	6.32E-03	3.89E-06	1.03E-07	2.05E-07	2.05E-07	2.05E-07	6.77E-03	3.71E-06	4.04E-05	2.75E-06	ND	ND	

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
37 (cont.)	Rabbitbrush	123789-HxCDF	1.04E-04	6.43E-08	1.70E-09	3.39E-09	3.39E-09	1.12E-04	6.13E-08	6.66E-07	4.53E-08	ND	ND
	Rabbitbrush	234678-HxCDF	9.99E-02	6.15E-05	1.63E-06	3.24E-06	3.24E-06	1.07E-01	5.86E-05	6.37E-04	4.34E-05	ND	ND
	Rabbitbrush	23478-PeCDF	1.94E-01	1.19E-04	3.16E-06	6.34E-06	6.34E-06	2.08E-01	1.14E-04	1.24E-03	8.45E-05	ND	ND
	Rabbitbrush	2378-TCDD	2.94E-01	1.81E-04	4.80E-06	9.56E-06	9.56E-06	3.15E-01	1.73E-04	1.88E-03	1.28E-04	ND	ND
	Rabbitbrush	2378-TCDF	7.77E-03	4.79E-06	1.27E-07	2.53E-07	2.53E-07	1.11E-02	4.56E-06	9.46E-05	3.37E-06	ND	ND
	Rabbitbrush	OCDD	1.48E-01	9.09E-05	2.41E-06	4.80E-06	4.80E-06	1.58E-01	8.67E-05	9.42E-04	6.41E-05	ND	ND
	Rabbitbrush	OCDF	6.94E-03	4.27E-06	1.13E-07	2.25E-07	2.25E-07	7.43E-03	4.07E-06	4.43E-05	3.01E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	8.43E-01	5.20E-04	1.38E-05	2.74E-05	2.74E-05	9.04E+01	4.96E-02	5.39E-01	3.67E-02	ND	ND
	Rabbitbrush	TOTAL HpCDF	6.78E-02	4.17E-05	1.10E-06	2.20E-06	2.20E-06	7.26E+00	3.98E-03	4.33E-02	2.94E-03	ND	ND
	Rabbitbrush	TOTAL HxCDD	4.06E+00	2.50E-03	6.61E-05	1.32E-04	1.32E-04	4.34E+01	2.38E-02	2.59E-01	1.76E-02	ND	ND
	Rabbitbrush	TOTAL HxCDF	7.05E-01	4.34E-04	1.15E-05	2.29E-05	2.29E-05	7.55E+00	4.14E-03	4.50E-02	3.06E-03	ND	ND
	Rabbitbrush	TOTAL PeCDD	3.27E+00	2.01E-03	5.32E-05	1.07E-04	1.07E-04	7.02E+00	3.85E-03	4.19E-02	2.85E-03	ND	ND
	Rabbitbrush	TOTAL PeCDF	2.53E+00	1.56E-03	4.11E-05	8.26E-05	8.26E-05	5.43E+00	2.98E-03	3.24E-02	2.20E-03	ND	ND
	Rabbitbrush	TOTAL TCDD	1.61E+00	9.91E-04	2.62E-05	5.23E-05	5.23E-05	1.72E+00	9.45E-04	1.03E-02	6.99E-04	ND	ND
	Rabbitbrush	TOTAL TCDF	2.64E-01	1.62E-04	4.29E-06	8.56E-06	8.56E-06	2.82E-01	1.55E-04	1.68E-03	1.14E-04	ND	ND
	Sweetclover	1234678-HpCDD	3.91E-01	2.41E-04	6.37E-06	1.27E-05	1.27E-05	4.18E-01	2.29E-04	2.50E-03	1.70E-04	ND	ND
	Sweetclover	1234678-HpCDF	1.17E-02	7.20E-06	1.91E-07	3.80E-07	3.80E-07	1.25E-02	6.87E-06	7.47E-05	5.08E-06	ND	ND
	Sweetclover	123478-HxCDD	2.53E-01	1.56E-04	4.13E-06	8.23E-06	8.23E-06	2.71E-01	1.49E-04	1.62E-03	1.10E-04	ND	ND
	Sweetclover	123478-HxCDF	1.21E-03	7.48E-07	1.98E-08	3.95E-08	3.95E-08	1.30E-03	7.13E-07	7.75E-06	5.27E-07	ND	ND
	Sweetclover	123678-HpCDD	4.34E-04	2.80E-07	7.40E-09	1.48E-08	1.48E-08	4.87E-04	2.67E-07	2.90E-06	1.97E-07	ND	ND
	Sweetclover	123678-HxCDF	6.59E-04	4.06E-07	1.07E-08	2.14E-08	2.14E-08	7.05E-04	3.86E-07	4.20E-06	2.86E-07	ND	ND
	Sweetclover	123789-HxCDD	1.09E-01	6.74E-05	1.78E-06	3.58E-06	3.58E-06	1.17E-01	6.45E-05	7.01E-04	4.77E-05	ND	ND
	Sweetclover	12378-PeCDF	6.39E-03	3.94E-06	1.04E-07	2.09E-07	2.09E-07	6.86E-03	3.77E-06	4.10E-05	2.79E-06	ND	ND
	Sweetclover	123789-HxCDF	5.69E-03	3.50E-06	9.27E-08	1.85E-07	1.85E-07	6.09E-03	3.34E-06	3.63E-05	2.47E-06	ND	ND
	Sweetclover	234678-HpCDD	2.09E-04	1.29E-07	3.40E-09	6.78E-09	6.78E-09	2.23E-04	1.23E-07	1.33E-06	9.06E-08	ND	ND
	Sweetclover	234678-HxCDF	1.11E-01	6.85E-05	1.81E-06	3.61E-06	3.61E-06	1.19E-01	6.53E-05	7.10E-04	4.83E-05	ND	ND
	Sweetclover	23478-PeCDF	6.16E-02	3.79E-05	1.00E-06	2.01E-06	2.01E-06	6.61E-02	3.63E-05	3.95E-04	2.68E-05	ND	ND
	Sweetclover	2378-TCDD	1.28E-01	7.87E-05	2.08E-06	4.15E-06	4.15E-06	1.37E-01	7.50E-05	8.16E-04	5.55E-05	ND	ND
	Sweetclover	2378-TCDF	1.02E-02	6.30E-06	1.67E-07	3.32E-07	3.32E-07	1.46E-02	6.00E-06	6.53E-05	4.44E-06	ND	ND
	Sweetclover	OCDD	1.02E-01	6.28E-05	1.66E-06	3.31E-06	3.31E-06	1.09E-01	5.98E-05	6.50E-04	4.42E-05	ND	ND
	Sweetclover	OCDF	8.51E-04	5.24E-07	1.39E-08	2.76E-08	2.76E-08	9.10E-04	4.99E-07	5.43E-06	3.69E-07	ND	ND
	Sweetclover	TOTAL HpCDD	6.89E-01	4.24E-04	1.12E-05	2.24E-05	2.24E-05	7.37E+01	4.04E-02	4.40E-01	2.99E-02	ND	ND
	Sweetclover	TOTAL HpCDF	5.71E-02	3.52E-05	9.30E-07	1.85E-06	1.85E-06	6.11E+00	3.35E-03	3.64E-02	2.48E-03	ND	ND
	Sweetclover	TOTAL HxCDD	3.35E+00	2.06E-03	5.46E-05	1.09E-04	1.09E-04	3.59E+01	1.97E-02	2.14E-01	1.45E-02	ND	ND
	Sweetclover	TOTAL HxCDF	7.33E-01	4.51E-04	1.19E-05	2.38E-05	2.38E-05	7.85E+00	4.30E-03	4.68E-02	3.18E-03	ND	ND
	Sweetclover	TOTAL PeCDD	4.34E+00	2.67E-03	7.06E-05	1.42E-04	1.42E-04	9.32E+00	5.11E-03	5.55E-02	3.78E-03	ND	ND
	Sweetclover	TOTAL PeCDF	2.11E+00	1.30E-03	3.43E-05	6.89E-05	6.89E-05	4.53E+00	2.48E-03	2.70E-02	1.84E-03	ND	ND
	Sweetclover	TOTAL TCDD	8.23E-01	5.07E-04	1.34E-05	2.67E-05	2.67E-05	8.81E-01	4.83E-04	5.25E-03	3.57E-04	ND	ND
	Sweetclover	TOTAL TCDF	2.32E-01	1.43E-04	3.79E-06	7.55E-06	7.55E-06	2.49E-01	1.36E-04	1.48E-03	1.01E-04	ND	ND
	Gumweed	1234678-HpCDD	4.16E-03	1.32E-04	3.48E-06	6.95E-06	6.95E-06	4.45E-03	1.26E-04	1.36E-03	9.28E-05	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU																
Number	Matrix	Analyte	Passerines	American		Great Horned Owl	Golden Eagle	Bald Eagle	Deer		Mule Deer	Kit		Plants	Soil Fauna	
				Kestrel	Jackrabbit				Fox							
42 (cont.)	Gumweed	1234678-HpCDF	2.11E-03	6.68E-05	1.77E-06	3.52E-06	3.52E-06	3.52E-06	2.26E-03	6.36E-05	6.92E-04	4.71E-05	ND	ND	ND	
	Gumweed	123478-HxCDD	3.87E-02	1.23E-03	3.24E-05	6.47E-05	6.47E-05	6.47E-05	4.14E-02	1.17E-03	1.27E-02	8.64E-04	ND	ND	ND	
	Gumweed	123478-HxCDF	2.11E-04	6.68E-06	1.77E-07	3.52E-07	3.52E-07	3.52E-07	2.26E-04	6.36E-06	6.92E-05	4.71E-06	ND	ND	ND	
	Gumweed	1234789-HpCDF	3.46E-04	1.10E-05	2.90E-07	5.78E-07	5.78E-07	5.78E-07	3.70E-04	1.04E-05	1.14E-04	7.72E-06	ND	ND	ND	
	Gumweed	123678-HxCDD	3.24E-02	1.03E-03	2.71E-05	5.41E-05	5.41E-05	5.41E-05	3.47E-02	9.78E-04	1.06E-02	7.23E-04	ND	ND	ND	
	Gumweed	123678-HxCDF	1.69E-04	5.34E-06	1.41E-07	2.82E-07	2.82E-07	2.82E-07	1.80E-04	5.09E-06	5.53E-05	3.76E-06	ND	ND	ND	
	Gumweed	12378-PeCDD	1.20E-01	3.79E-03	1.00E-04	2.02E-04	2.02E-04	2.02E-04	1.29E-01	3.63E-03	3.95E-02	2.68E-03	ND	ND	ND	
	Gumweed	12378-PeCDF	8.21E-03	2.60E-04	6.88E-06	1.38E-05	1.38E-05	1.38E-05	8.81E-03	2.49E-04	2.71E-03	1.84E-04	ND	ND	ND	
	Gumweed	123789-HxCDD	3.51E-04	1.11E-05	2.94E-07	5.87E-07	5.87E-07	5.87E-07	3.76E-04	1.06E-05	1.15E-04	7.84E-06	ND	ND	ND	
	Gumweed	123789-HxCDF	2.26E-04	7.16E-06	1.89E-07	3.77E-07	3.77E-07	3.77E-07	2.42E-04	6.82E-06	7.42E-05	5.04E-06	ND	ND	ND	
	Gumweed	234678-HxCDF	2.02E-02	6.41E-04	1.70E-05	3.38E-05	3.38E-05	3.38E-05	2.17E-02	6.11E-04	6.64E-03	4.52E-04	ND	ND	ND	
	Gumweed	23478-PeCDD	7.93E-02	2.51E-03	6.64E-05	1.33E-04	1.33E-04	1.33E-04	8.51E-02	2.40E-03	2.61E-02	1.78E-03	ND	ND	ND	
	Gumweed	2378-TCDD	1.78E-01	5.65E-03	1.50E-04	2.98E-04	2.98E-04	2.98E-04	1.91E-01	5.39E-03	5.86E-02	3.98E-03	ND	ND	ND	
	Gumweed	2378-TCDF	1.36E-02	4.31E-04	1.14E-05	2.28E-05	2.28E-05	2.28E-05	1.94E-02	4.11E-04	4.47E-03	3.04E-04	ND	ND	ND	
	Gumweed	OCDD	5.60E-04	1.77E-05	4.70E-07	9.36E-07	9.36E-07	9.36E-07	6.00E-04	1.69E-05	1.84E-04	1.25E-05	ND	ND	ND	
	Gumweed	OCDF	4.74E-04	1.50E-05	3.97E-07	7.92E-07	7.92E-07	7.92E-07	5.08E-04	1.43E-05	1.56E-04	1.06E-05	ND	ND	ND	
	Gumweed	TOTAL HpCDD	3.21E-02	1.02E-03	2.69E-05	5.36E-05	5.36E-05	5.36E-05	3.43E+00	9.68E-02	1.05E+00	7.16E-02	ND	ND	ND	
	Gumweed	TOTAL HpCDF	6.53E-03	2.07E-04	5.47E-06	1.09E-05	1.09E-05	1.09E-05	6.99E-01	1.97E-02	2.14E-01	1.46E-02	ND	ND	ND	
	Gumweed	TOTAL HxCDD	3.52E-02	1.12E-03	2.95E-05	5.88E-05	5.88E-05	5.88E-05	3.77E-01	1.06E-02	1.16E-01	7.86E-03	ND	ND	ND	
	Gumweed	TOTAL HxCDF	1.99E-02	6.31E-04	1.67E-05	3.33E-05	3.33E-05	3.33E-05	2.13E-01	6.02E-03	6.54E-02	4.45E-03	ND	ND	ND	
	Gumweed	TOTAL PeCDD	1.20E-01	3.79E-03	1.00E-04	2.02E-04	2.02E-04	2.02E-04	2.57E-01	7.26E-03	7.90E-02	5.37E-03	ND	ND	ND	
	Gumweed	TOTAL PeCDF	8.06E-02	2.55E-03	6.75E-05	1.36E-04	1.36E-04	1.36E-04	1.73E-01	4.88E-03	5.31E-02	3.61E-03	ND	ND	ND	
	Gumweed	TOTAL TCDD	1.78E-01	5.65E-03	1.50E-04	2.98E-04	2.98E-04	2.98E-04	1.91E-01	5.39E-03	5.86E-02	3.98E-03	ND	ND	ND	
	Gumweed	TOTAL TCDF	1.36E-02	4.31E-04	1.14E-05	2.28E-05	2.28E-05	2.28E-05	1.46E-02	4.11E-04	4.47E-03	3.04E-04	ND	ND	ND	
	Rabbitbrush	1234678-HpCDD	1.18E-02	3.74E-04	9.89E-06	1.97E-05	1.97E-05	1.97E-05	1.26E-02	3.56E-04	3.87E-03	2.63E-04	ND	ND	ND	
	Rabbitbrush	1234678-HpCDF	3.98E-03	1.26E-04	3.34E-06	6.66E-06	6.66E-06	6.66E-06	4.27E-03	1.20E-04	1.31E-03	8.90E-05	ND	ND	ND	
	Rabbitbrush	123478-HxCDD	4.69E-02	1.48E-03	3.93E-05	7.83E-05	7.83E-05	7.83E-05	5.02E-02	1.41E-03	1.54E-02	1.05E-03	ND	ND	ND	
	Rabbitbrush	123478-HxCDF	3.01E-04	9.52E-06	2.52E-07	5.02E-07	5.02E-07	5.02E-07	3.22E-04	9.07E-06	9.86E-05	6.71E-06	ND	ND	ND	
	Rabbitbrush	1234789-HpCDF	4.60E-04	1.46E-05	3.85E-07	7.68E-07	7.68E-07	7.68E-07	4.92E-04	1.39E-05	1.51E-04	1.03E-05	ND	ND	ND	
	Rabbitbrush	123678-HxCDD	4.33E-02	1.37E-03	3.62E-05	7.23E-05	7.23E-05	7.23E-05	4.63E-02	1.31E-03	1.42E-02	9.66E-04	ND	ND	ND	
	Rabbitbrush	123678-HxCDF	2.20E-04	6.97E-06	1.84E-07	3.68E-07	3.68E-07	3.68E-07	2.36E-04	6.65E-06	7.23E-05	4.92E-06	ND	ND	ND	
	Rabbitbrush	12378-PeCDD	1.67E-01	5.29E-03	1.40E-04	2.81E-04	2.81E-04	2.81E-04	1.79E-01	5.06E-03	5.51E-02	3.75E-03	ND	ND	ND	
	Rabbitbrush	12378-PeCDF	1.04E-02	3.31E-04	8.75E-06	1.76E-05	1.76E-05	1.76E-05	1.12E-02	3.17E-04	3.44E-03	2.34E-04	ND	ND	ND	
	Rabbitbrush	123789-HxCDD	4.14E-04	1.31E-05	3.47E-07	6.91E-07	6.91E-07	6.91E-07	4.43E-04	1.25E-05	1.36E-04	9.24E-06	ND	ND	ND	
	Rabbitbrush	123789-HxCDF	3.34E-04	1.06E-05	2.80E-07	5.58E-07	5.58E-07	5.58E-07	3.57E-04	1.01E-05	1.10E-04	7.46E-06	ND	ND	ND	
	Rabbitbrush	234678-HxCDF	2.88E-02	9.13E-04	2.41E-05	4.81E-05	4.81E-05	4.81E-05	3.09E-02	8.70E-04	9.46E-03	6.43E-04	ND	ND	ND	
	Rabbitbrush	23478-PeCDD	8.80E-02	2.79E-03	7.37E-05	1.48E-04	1.48E-04	1.48E-04	9.44E-02	2.67E-03	2.90E-02	1.97E-03	ND	ND	ND	
	Rabbitbrush	2378-TCDD	2.20E-01	6.96E-03	1.84E-04	3.67E-04	3.67E-04	3.67E-04	2.35E-01	6.63E-03	7.21E-02	4.90E-03	ND	ND	ND	
	Rabbitbrush	2378-TCDF	3.92E-02	1.24E-03	3.29E-05	6.55E-05	6.55E-05	6.55E-05	5.59E-02	1.18E-03	1.29E-02	8.76E-04	ND	ND	ND	
	Rabbitbrush	OCDD	9.35E-03	2.96E-04	7.83E-06	1.56E-05	1.56E-05	1.56E-05	1.00E-02	2.82E-04	3.07E-03	2.09E-04	ND	ND	ND	
	Rabbitbrush	OCDF	1.49E-03	4.72E-05	1.25E-06	2.49E-06	2.49E-06	2.49E-06	1.60E-03	4.50E-05	4.90E-04	3.33E-05	ND	ND	ND	

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	American			Golden		Bald		Deer		Mule		Kit		Plants	Soil Fauna
			Passerines	Kestrel	Horned Owl	Eagle	Eagle	Eagle	Eagle	Mouse	Deer	Deer	Deer	Jackrabbit	Fox		
42 (cont.)	Rabbitbrush	TOTAL HpCDD	1.94E-02	6.14E-04	1.62E-05	3.24E-05	3.24E-05	3.24E-05	3.24E-05	2.07E+00	5.85E-02	5.85E-02	5.85E-02	6.36E-01	4.33E-02	ND	ND
	Rabbitbrush	TOTAL HpCDF	4.46E-03	1.41E-04	3.74E-06	7.46E-06	7.46E-06	7.46E-06	7.46E-06	4.78E-01	1.35E-02	1.35E-02	1.35E-02	1.47E-01	9.97E-03	ND	ND
	Rabbitbrush	TOTAL HxCDD	3.95E-02	1.25E-03	3.31E-05	6.60E-05	6.60E-05	6.60E-05	6.60E-05	4.23E-01	1.19E-02	1.19E-02	1.19E-02	1.30E-01	8.82E-03	ND	ND
	Rabbitbrush	TOTAL HxCDF	4.01E-02	1.27E-03	3.36E-05	6.69E-05	6.69E-05	6.69E-05	6.69E-05	4.29E-01	1.21E-02	1.21E-02	1.21E-02	1.31E-01	8.94E-03	ND	ND
	Rabbitbrush	TOTAL PeCDD	1.67E-01	5.29E-03	1.40E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04	3.59E-01	1.01E-02	1.01E-02	1.01E-02	1.10E-01	7.49E-03	ND	ND
	Rabbitbrush	TOTAL PeCDF	1.41E-01	4.46E-03	1.18E-04	2.37E-04	2.37E-04	2.37E-04	2.37E-04	3.03E-01	8.54E-03	8.54E-03	8.54E-03	9.29E-02	6.32E-03	ND	ND
	Rabbitbrush	TOTAL TCDD	1.94E-01	6.15E-03	1.63E-04	3.24E-04	3.24E-04	3.24E-04	3.24E-04	2.08E-01	5.86E-03	5.86E-03	5.86E-03	6.37E-02	4.33E-03	ND	ND
	Rabbitbrush	TOTAL TCDF	1.02E-01	3.22E-03	8.52E-05	1.70E-04	1.70E-04	1.70E-04	1.70E-04	1.09E-01	3.07E-03	3.07E-03	3.07E-03	3.34E-02	2.27E-03	ND	ND
	Sweetclover	1234678-HpCDD	1.08E-02	3.42E-04	9.05E-06	1.80E-05	1.80E-05	1.80E-05	1.80E-05	1.16E-02	3.26E-04	3.26E-04	3.26E-04	3.54E-03	2.41E-04	ND	ND
	Sweetclover	1234678-HpCDF	4.49E-03	1.42E-04	3.76E-06	7.51E-06	7.51E-06	7.51E-06	7.51E-06	4.81E-03	1.36E-04	1.36E-04	1.36E-04	1.47E-03	1.00E-04	ND	ND
	Sweetclover	123478-HxCDD	7.32E-02	2.32E-03	6.13E-05	1.22E-04	1.22E-04	1.22E-04	1.22E-04	7.83E-02	2.21E-03	2.21E-03	2.21E-03	2.40E-02	1.63E-03	ND	ND
	Sweetclover	123478-HxCDF	2.32E-04	7.34E-06	1.94E-07	3.87E-07	3.87E-07	3.87E-07	3.87E-07	2.48E-04	7.00E-06	7.00E-06	7.00E-06	7.61E-05	5.18E-06	ND	ND
	Sweetclover	123678-HpCDD	7.36E-04	2.33E-05	6.16E-07	1.23E-06	1.23E-06	1.23E-06	1.23E-06	7.88E-04	2.22E-05	2.22E-05	2.22E-05	2.41E-04	1.64E-05	ND	ND
	Sweetclover	123678-HxCDD	6.12E-02	1.94E-03	5.12E-05	1.02E-04	1.02E-04	1.02E-04	1.02E-04	6.55E-02	1.85E-03	1.85E-03	1.85E-03	2.01E-02	1.37E-03	ND	ND
	Sweetclover	123678-HxCDF	3.27E-04	1.03E-05	2.74E-07	5.46E-07	5.46E-07	5.46E-07	5.46E-07	3.50E-04	9.86E-06	9.86E-06	9.86E-06	1.07E-04	7.29E-06	ND	ND
	Sweetclover	12378-PeCDD	2.85E-01	9.02E-03	2.39E-04	4.79E-04	4.79E-04	4.79E-04	4.79E-04	3.06E-01	8.63E-03	8.63E-03	8.63E-03	9.39E-02	6.38E-03	ND	ND
	Sweetclover	12378-PeCDF	1.68E-02	5.32E-04	1.41E-05	2.82E-05	2.82E-05	2.82E-05	2.82E-05	1.80E-02	5.09E-04	5.09E-04	5.09E-04	5.53E-03	3.76E-04	ND	ND
	Sweetclover	123789-HxCDD	6.63E-04	2.10E-05	5.55E-07	1.11E-06	1.11E-06	1.11E-06	1.11E-06	7.09E-04	2.00E-05	2.00E-05	2.00E-05	2.18E-04	1.48E-05	ND	ND
	Sweetclover	123789-HxCDF	4.39E-04	1.39E-05	3.68E-07	7.33E-07	7.33E-07	7.33E-07	7.33E-07	4.70E-04	1.32E-05	1.32E-05	1.32E-05	1.44E-04	9.80E-06	ND	ND
	Sweetclover	234678-HxCDD	3.08E-02	9.74E-04	2.58E-05	5.14E-05	5.14E-05	5.14E-05	5.14E-05	3.29E-02	9.28E-04	9.28E-04	9.28E-04	1.01E-02	6.87E-04	ND	ND
	Sweetclover	23478-PeCDD	1.62E-01	5.14E-03	1.36E-04	2.73E-04	2.73E-04	2.73E-04	2.73E-04	1.74E-01	4.91E-03	4.91E-03	4.91E-03	5.34E-02	3.63E-03	ND	ND
	Sweetclover	2378-TCDD	4.36E-01	1.38E-02	3.65E-04	7.28E-04	7.28E-04	7.28E-04	7.28E-04	4.66E-01	1.32E-03	1.32E-03	1.32E-03	1.43E-01	9.73E-03	ND	ND
	Sweetclover	2378-TCDF	4.38E-02	1.39E-03	3.67E-05	7.31E-05	7.31E-05	7.31E-05	7.31E-05	6.24E-02	1.32E-03	1.32E-03	1.32E-03	1.44E-02	9.77E-04	ND	ND
	Sweetclover	OCDD	4.55E-02	1.44E-03	3.81E-05	7.60E-05	7.60E-05	7.60E-05	7.60E-05	4.87E-02	1.37E-03	1.37E-03	1.37E-03	1.49E-02	1.02E-03	ND	ND
	Sweetclover	OCDF	1.71E-03	5.41E-05	1.43E-06	2.85E-06	2.85E-06	2.85E-06	2.85E-06	1.83E-03	5.15E-05	5.15E-05	5.15E-05	5.60E-04	3.81E-05	ND	ND
	Sweetclover	TOTAL HpCDD	2.15E-02	6.80E-04	1.80E-05	3.59E-05	3.59E-05	3.59E-05	3.59E-05	2.30E+00	6.48E-02	6.48E-02	6.48E-02	7.05E-01	4.80E-02	ND	ND
	Sweetclover	TOTAL HpCDF	4.55E-03	1.44E-04	3.81E-06	7.59E-06	7.59E-06	7.59E-06	7.59E-06	4.87E-01	1.37E-02	1.37E-02	1.37E-02	1.49E-01	1.01E-02	ND	ND
	Sweetclover	TOTAL HxCDD	6.65E-02	2.11E-03	5.57E-05	1.11E-04	1.11E-04	1.11E-04	1.11E-04	7.12E-01	2.01E-02	2.01E-02	2.01E-02	2.18E-01	1.48E-02	ND	ND
	Sweetclover	TOTAL HxCDF	5.65E-02	1.79E-03	4.73E-05	9.44E-05	9.44E-05	9.44E-05	9.44E-05	6.03E-01	1.71E-02	1.71E-02	1.71E-02	1.85E-01	1.26E-02	ND	ND
	Sweetclover	TOTAL PeCDD	2.85E-01	9.02E-03	2.39E-04	4.79E-04	4.79E-04	4.79E-04	4.79E-04	6.12E-01	1.73E-02	1.73E-02	1.73E-02	1.88E-01	1.28E-02	ND	ND
	Sweetclover	TOTAL PeCDF	1.42E-01	4.51E-03	1.19E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04	3.06E-01	8.62E-03	8.62E-03	8.62E-03	9.37E-02	6.38E-03	ND	ND
	Sweetclover	TOTAL TCDD	4.84E-01	1.53E-02	4.05E-04	8.08E-04	8.08E-04	8.08E-04	8.08E-04	5.18E-01	1.46E-02	1.46E-02	1.46E-02	1.59E-01	1.08E-02	ND	ND
	Sweetclover	TOTAL TCDF	1.17E-01	3.72E-03	9.84E-05	1.96E-04	1.96E-04	1.96E-04	1.96E-04	1.26E-01	3.54E-03	3.54E-03	3.54E-03	3.85E-02	2.62E-03	ND	ND
	Gumweed	1234678-HpCDD	1.85E-02	8.15E-05	2.16E-06	4.30E-06	4.30E-06	4.30E-06	4.30E-06	1.98E-02	7.77E-05	7.77E-05	7.77E-05	8.45E-04	5.75E-05	ND	ND
	Gumweed	1234678-HpCDF	6.59E-03	2.90E-05	7.66E-07	1.53E-06	1.53E-06	1.53E-06	1.53E-06	7.05E-03	2.76E-05	2.76E-05	2.76E-05	3.00E-04	2.04E-05	ND	ND
	Gumweed	123478-HxCDD	1.73E-02	7.60E-05	2.01E-06	4.01E-06	4.01E-06	4.01E-06	4.01E-06	1.85E-02	7.24E-05	7.24E-05	7.24E-05	7.87E-04	5.36E-05	ND	ND
	Gumweed	123478-HxCDF	8.92E-05	3.92E-07	1.04E-08	2.07E-08	2.07E-08	2.07E-08	2.07E-08	9.55E-05	3.74E-07	3.74E-07	3.74E-07	4.07E-06	2.77E-07	ND	ND
	Gumweed	1234789-HpCDD	1.97E-04	8.68E-07	2.30E-08	4.58E-08	4.58E-08	4.58E-08	4.58E-08	2.11E-04	8.27E-07	8.27E-07	8.27E-07	8.99E-06	6.12E-07	ND	ND
	Gumweed	123678-HxCDD	1.44E-02	6.33E-05	1.68E-06	3.34E-06	3.34E-06	3.34E-06	3.34E-06	1.54E-02	6.04E-05	6.04E-05	6.04E-05	6.57E-04	4.47E-05	ND	ND
	Gumweed	123678-HxCDF	7.15E-05	3.14E-07	8.32E-09	1.66E-08	1.66E-08	1.66E-08	1.66E-08	7.65E-05	3.00E-07	3.00E-07	3.00E-07	3.26E-06	2.22E-07	ND	ND
	Gumweed	12378-PeCDD	6.00E-02	2.64E-04	6.99E-06	1.40E-05	1.40E-05	1.40E-05	1.40E-05	6.44E-02	2.53E-04	2.53E-04	2.53E-04	2.75E-03	1.87E-04	ND	ND

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Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU													
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
45 (cont.)	Gumweed	12378-PeCDF	3.41E-03	1.50E-05	3.96E-07	7.95E-07	7.95E-07	3.65E-03	1.43E-05	1.56E-04	1.06E-05	ND	ND
	Gumweed	123789-HxCDD	1.57E-04	6.89E-07	1.82E-08	3.63E-08	3.63E-08	1.68E-04	6.56E-07	7.14E-06	4.85E-07	ND	ND
	Gumweed	123789-HxCDF	9.60E-05	4.22E-07	1.12E-08	2.23E-08	2.23E-08	1.03E-04	4.03E-07	4.38E-06	2.98E-07	ND	ND
	Gumweed	234678-HxCDF	1.76E-02	7.76E-05	2.05E-06	4.09E-06	4.09E-06	1.89E-02	7.39E-05	8.04E-04	5.47E-05	ND	ND
	Gumweed	23478-PeCDF	3.28E-02	1.44E-04	3.81E-06	7.65E-06	7.65E-06	3.51E-02	1.38E-04	1.50E-03	1.02E-04	ND	ND
	Gumweed	2378-TCDD	5.64E-02	2.48E-04	6.56E-06	1.31E-05	1.31E-05	6.03E-02	2.36E-04	2.57E-03	1.75E-04	ND	ND
	Gumweed	2378-TCDF	9.41E-02	4.14E-04	1.09E-05	2.18E-05	2.18E-05	1.34E-01	3.94E-04	4.29E-03	2.92E-04	ND	ND
	Gumweed	OCDD	1.10E-02	4.86E-05	1.28E-06	2.56E-06	2.56E-06	1.18E-02	4.63E-05	5.03E-04	3.42E-05	ND	ND
	Gumweed	OCDF	9.20E-04	4.05E-06	1.07E-07	2.13E-07	2.13E-07	9.85E-04	3.86E-06	4.19E-05	2.85E-06	ND	ND
	Gumweed	TOTAL HpCDD	3.96E-02	1.74E-04	4.60E-06	9.18E-06	9.18E-06	4.24E+00	1.66E-02	1.80E-01	1.23E-02	ND	ND
	Gumweed	TOTAL HpCDF	6.59E-03	2.90E-05	7.66E-07	1.53E-06	1.53E-06	7.05E-01	2.76E-03	3.00E-02	2.04E-03	ND	ND
	Gumweed	TOTAL HxCDD	3.96E-02	1.74E-04	4.61E-06	9.20E-06	9.20E-06	4.24E-01	1.66E-03	1.81E-02	1.23E-03	ND	ND
	Gumweed	TOTAL HxCDF	3.53E-02	1.55E-04	4.10E-06	8.18E-06	8.18E-06	3.78E-01	1.48E-03	1.61E-02	1.09E-03	ND	ND
	Gumweed	TOTAL PeCDD	6.00E-02	2.64E-04	6.99E-06	1.40E-05	1.40E-05	1.29E-01	5.05E-04	5.49E-03	3.74E-04	ND	ND
	Gumweed	TOTAL PeCDF	3.22E-01	1.41E-03	3.74E-05	7.51E-05	7.51E-05	6.91E-01	2.71E-03	2.94E-02	2.00E-03	ND	ND
	Gumweed	TOTAL TCDD	3.52E-01	1.55E-03	4.09E-05	8.16E-05	8.16E-05	3.77E-01	1.47E-03	1.60E-02	1.09E-03	ND	ND
	Gumweed	TOTAL TCDF	1.86E-01	8.19E-04	2.17E-05	4.32E-05	4.32E-05	1.99E-01	7.80E-04	8.48E-03	5.77E-04	ND	ND
	Jackrabbit	1234678-HpCDD	1.04E-01	4.60E-04	1.22E-05	2.42E-05	2.42E-05	1.12E-01	4.38E-04	4.76E-03	3.24E-04	ND	ND
	Jackrabbit	1234678-HpCDF	2.83E-02	1.24E-04	3.29E-06	6.56E-06	6.56E-06	3.03E-02	1.19E-04	1.29E-03	8.77E-05	ND	ND
	Jackrabbit	123478-HxCDD	2.35E-02	1.03E-04	2.73E-06	5.45E-06	5.45E-06	2.52E-02	9.83E-05	1.07E-03	7.29E-05	ND	ND
	Jackrabbit	123478-HxCDF	2.52E-04	1.11E-06	2.93E-08	5.84E-08	5.84E-08	2.69E-04	1.06E-06	1.15E-05	7.80E-07	ND	ND
	Jackrabbit	1234789-HpCDF	1.85E-04	8.14E-07	2.15E-08	4.29E-08	4.29E-08	1.98E-04	7.76E-07	8.43E-06	5.74E-07	ND	ND
	Jackrabbit	123678-HxCDD	4.58E-02	2.02E-04	5.33E-06	1.06E-05	1.06E-05	4.90E-02	1.92E-04	2.09E-03	1.42E-04	ND	ND
	Jackrabbit	123678-HxCDF	1.57E-04	6.89E-07	1.82E-08	3.64E-08	3.64E-08	1.68E-04	6.57E-07	7.14E-06	4.86E-07	ND	ND
	Jackrabbit	12378-PeCDD	5.39E-02	2.37E-04	6.27E-06	1.26E-05	1.26E-05	5.78E-02	2.27E-04	2.47E-03	1.68E-04	ND	ND
	Jackrabbit	12378-PeCDF	6.91E-03	3.04E-05	8.05E-07	1.62E-06	1.62E-06	7.42E-03	2.91E-05	3.16E-04	2.15E-05	ND	ND
	Jackrabbit	123789-HxCDD	3.15E-04	1.38E-06	3.66E-08	7.31E-08	7.31E-08	3.37E-04	1.32E-06	1.44E-05	9.76E-07	ND	ND
	Jackrabbit	123789-HxCDF	1.92E-04	8.42E-07	2.23E-08	4.44E-08	4.44E-08	2.05E-04	8.03E-07	8.73E-06	5.94E-07	ND	ND
	Jackrabbit	234678-HxCDF	4.62E-02	2.03E-04	5.38E-06	1.07E-05	1.07E-05	4.95E-02	1.94E-04	2.11E-03	1.43E-04	ND	ND
	Jackrabbit	23478-PeCDD	4.13E-02	1.81E-04	4.80E-06	9.64E-06	9.64E-06	4.43E-02	1.74E-04	1.89E-03	1.28E-04	ND	ND
	Jackrabbit	2378-TCDD	1.35E-01	5.94E-04	1.57E-05	3.14E-05	3.14E-05	1.45E-01	5.67E-04	6.16E-03	4.19E-04	ND	ND
	Jackrabbit	2378-TCDF	6.39E-03	2.81E-05	7.43E-07	1.48E-06	1.48E-06	9.11E-03	2.68E-05	2.91E-04	1.98E-05	ND	ND
	Jackrabbit	OCDD	6.33E-02	2.78E-04	7.36E-06	1.47E-05	1.47E-05	6.77E-02	2.65E-04	2.88E-03	1.96E-04	ND	ND
	Jackrabbit	OCDF	3.81E-03	1.68E-05	4.44E-07	8.85E-07	8.85E-07	4.08E-03	1.60E-05	1.74E-04	1.18E-05	ND	ND
	Jackrabbit	TOTAL HpCDD	1.08E-01	4.74E-04	1.25E-05	2.50E-05	2.50E-05	1.15E+01	4.52E-02	4.91E-01	3.34E-02	ND	ND
	Jackrabbit	TOTAL HpCDF	3.17E-02	1.40E-04	3.69E-06	7.36E-06	7.36E-06	3.40E+00	1.33E-02	1.43E-01	9.84E-03	ND	ND
	Jackrabbit	TOTAL HxCDD	8.58E-02	3.77E-04	9.98E-06	1.99E-05	1.99E-05	9.18E-01	3.60E-03	3.91E-02	2.66E-03	ND	ND
	Jackrabbit	TOTAL HxCDF	9.59E-02	4.22E-04	1.12E-05	2.22E-05	2.22E-05	1.03E+00	4.02E-03	4.37E-02	2.97E-03	ND	ND
	Jackrabbit	TOTAL PeCDD	5.39E-02	2.37E-04	6.27E-06	1.26E-05	1.26E-05	1.16E-01	4.53E-04	4.93E-03	3.35E-04	ND	ND
	Jackrabbit	TOTAL PeCDF	4.37E-02	1.92E-04	5.09E-06	1.02E-05	1.02E-05	9.39E-02	3.68E-04	4.00E-03	2.72E-04	ND	ND
	Jackrabbit	TOTAL TCDD	6.79E-02	2.99E-04	7.90E-06	1.57E-05	1.57E-05	7.27E-02	2.85E-04	3.09E-03	2.10E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU														
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna	
45 (cont.)	Jackrabbit	TOTAL TCDF	6.39E-03	2.81E-05	7.43E-07	1.48E-06	1.48E-06	6.84E-03	2.68E-05	2.91E-04	1.98E-05	ND	ND	
	Rabbitbrush	1234678-HpCDD	3.17E-03	1.39E-05	3.68E-07	7.34E-07	7.34E-07	3.39E-03	1.33E-05	1.44E-04	9.81E-06	ND	ND	
	Rabbitbrush	1234678-HpCDF	1.05E-03	4.64E-06	1.23E-07	2.45E-07	2.45E-07	1.13E-03	4.42E-06	4.80E-05	3.27E-06	ND	ND	
	Rabbitbrush	123478-HxCDD	1.71E-02	7.53E-05	1.99E-06	3.97E-06	3.97E-06	1.83E-02	7.18E-05	7.80E-04	5.31E-05	ND	ND	
	Rabbitbrush	123478-HxCDF	7.98E-05	3.51E-07	9.29E-09	1.85E-08	1.85E-08	8.55E-05	3.35E-07	3.64E-06	2.48E-07	ND	ND	
	Rabbitbrush	1234789-HpCDF	1.73E-04	7.60E-07	2.01E-08	4.01E-08	4.01E-08	1.85E-04	7.24E-07	7.87E-06	5.36E-07	ND	ND	
	Rabbitbrush	123678-HxCDD	1.43E-02	6.29E-05	1.66E-06	3.32E-06	3.32E-06	1.53E-02	5.99E-05	6.52E-04	4.43E-05	ND	ND	
	Rabbitbrush	123678-HxCDF	6.37E-05	2.80E-07	7.41E-09	1.48E-08	1.48E-08	6.81E-05	2.67E-07	2.90E-06	1.97E-07	ND	ND	
	Rabbitbrush	12378-PeCDD	5.33E-02	2.34E-04	6.20E-06	1.24E-05	1.24E-05	5.72E-02	2.24E-04	2.44E-03	1.66E-04	ND	ND	
	Rabbitbrush	12378-PeCDF	2.73E-03	1.20E-05	3.18E-07	6.38E-07	6.38E-07	2.93E-03	1.15E-05	1.25E-04	8.49E-06	ND	ND	
	Rabbitbrush	123789-HxCDD	1.55E-04	6.82E-07	1.80E-08	3.60E-08	3.60E-08	1.66E-04	6.50E-07	7.06E-06	4.81E-07	ND	ND	
	Rabbitbrush	123789-HxCDF	8.56E-05	3.76E-07	9.96E-09	1.99E-08	1.99E-08	9.16E-05	3.59E-07	3.90E-06	2.65E-07	ND	ND	
	Rabbitbrush	234678-HxCDF	1.60E-02	7.03E-05	1.86E-06	3.71E-06	3.71E-06	1.71E-02	6.70E-05	7.28E-04	4.95E-05	ND	ND	
	Rabbitbrush	23478-PeCDF	2.63E-02	1.15E-04	3.05E-06	6.13E-06	6.13E-06	2.82E-02	1.10E-04	1.20E-03	8.17E-05	ND	ND	
	Rabbitbrush	2378-TCDD	4.64E-02	2.04E-04	5.40E-06	1.08E-05	1.08E-05	4.97E-02	1.95E-04	2.12E-03	1.44E-04	ND	ND	
	Rabbitbrush	2378-TCDF	2.92E-02	1.28E-04	3.39E-06	6.77E-06	6.77E-06	4.16E-02	1.22E-04	1.33E-03	9.04E-05	ND	ND	
	Rabbitbrush	OCDD	1.60E-03	7.06E-06	1.87E-07	3.72E-07	3.72E-07	1.72E-03	6.73E-06	7.31E-05	4.98E-06	ND	ND	
	Rabbitbrush	OCDF	3.40E-04	1.50E-06	3.96E-08	7.89E-08	7.89E-08	7.89E-08	3.64E-04	1.43E-06	1.55E-05	1.05E-06	ND	ND
	Rabbitbrush	TOTAL HpCDD	5.64E-03	2.48E-05	6.57E-07	1.31E-06	1.31E-06	1.31E-06	6.04E-01	2.37E-03	2.57E-02	1.75E-03	ND	ND
	Rabbitbrush	TOTAL HpCDF	1.31E-03	5.76E-06	1.52E-07	3.04E-07	3.04E-07	3.04E-07	1.40E-01	5.49E-04	5.97E-03	4.06E-04	ND	ND
	Rabbitbrush	TOTAL HxCDD	1.55E-02	6.84E-05	1.81E-06	3.61E-06	3.61E-06	3.61E-06	1.66E-01	6.52E-04	7.09E-03	4.82E-04	ND	ND
	Rabbitbrush	TOTAL HxCDF	2.23E-02	9.88E-05	2.61E-06	5.21E-06	5.21E-06	5.21E-06	2.41E-01	9.42E-04	1.02E-02	6.97E-04	ND	ND
	Rabbitbrush	TOTAL PeCDD	5.33E-02	2.34E-04	6.20E-06	1.24E-05	1.24E-05	1.24E-05	1.15E-01	4.48E-04	4.88E-03	3.32E-04	ND	ND
	Rabbitbrush	TOTAL PeCDF	8.09E-02	3.56E-04	9.41E-06	1.89E-05	1.89E-05	1.89E-05	1.74E-01	6.81E-04	7.40E-03	5.03E-04	ND	ND
	Rabbitbrush	TOTAL TCDD	1.58E-01	6.94E-04	1.84E-05	3.66E-05	3.66E-05	3.66E-05	1.69E-01	6.61E-04	7.19E-03	4.89E-04	ND	ND
	Rabbitbrush	TOTAL TCDF	1.23E-01	5.41E-04	1.43E-05	2.85E-05	2.85E-05	2.85E-05	1.32E-01	5.15E-04	5.60E-03	3.81E-04	ND	ND
	Sweetclover	1234678-HpCDD	6.90E-03	3.03E-05	8.03E-07	1.60E-06	1.60E-06	1.60E-06	7.38E-03	2.89E-05	3.14E-04	2.14E-05	ND	ND
	Sweetclover	1234678-HpCDF	2.92E-03	1.28E-05	3.39E-07	6.77E-07	6.77E-07	6.77E-07	3.12E-03	1.22E-05	1.33E-04	9.04E-06	ND	ND
	Sweetclover	123478-HxCDD	4.36E-02	1.92E-04	5.07E-06	1.01E-05	1.01E-05	1.01E-05	4.66E-02	1.83E-04	1.99E-03	1.35E-04	ND	ND
	Sweetclover	123478-HxCDF	2.13E-04	9.39E-07	2.48E-08	4.95E-08	4.95E-08	4.95E-08	2.28E-04	8.95E-07	9.73E-06	6.62E-07	ND	ND
	Sweetclover	1234789-HpCDF	4.78E-04	2.10E-06	5.56E-08	1.11E-07	1.11E-07	1.11E-07	5.12E-04	2.00E-06	2.18E-05	1.48E-06	ND	ND
	Sweetclover	123678-HxCDD	3.64E-02	1.60E-04	4.24E-06	8.45E-06	8.45E-06	8.45E-06	3.90E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
Sweetclover	123678-HxCDF	1.70E-04	7.48E-07	1.98E-08	3.95E-08	3.95E-08	3.95E-08	1.82E-04	7.13E-07	7.75E-06	5.27E-07	ND	ND	
Sweetclover	12378-PeCDD	1.33E-01	5.87E-04	1.55E-05	3.11E-05	3.11E-05	3.11E-05	1.43E-01	5.61E-04	6.10E-03	4.15E-04	ND	ND	
Sweetclover	12378-PeCDF	6.55E-03	2.88E-05	7.62E-07	1.53E-06	1.53E-06	1.53E-06	7.03E-03	2.76E-05	3.00E-04	2.04E-05	ND	ND	
Sweetclover	123789-HxCDD	3.95E-04	1.74E-06	4.60E-08	9.16E-08	9.16E-08	9.16E-08	4.23E-04	1.66E-06	1.80E-05	1.22E-06	ND	ND	
Sweetclover	123789-HxCDF	2.29E-04	1.01E-06	2.66E-08	5.30E-08	5.30E-08	5.30E-08	2.45E-04	9.58E-07	1.04E-05	7.09E-07	ND	ND	
Sweetclover	234678-HxCDF	2.98E-02	1.31E-04	3.47E-06	6.92E-06	6.92E-06	6.92E-06	3.19E-02	1.25E-04	1.36E-03	9.24E-05	ND	ND	
Sweetclover	23478-PeCDF	6.34E-02	2.79E-04	7.38E-06	1.48E-05	1.48E-05	1.48E-05	6.80E-02	2.67E-04	2.90E-03	1.97E-04	ND	ND	
Sweetclover	2378-TCDD	1.29E-01	5.67E-04	1.50E-05	2.99E-05	2.99E-05	2.99E-05	1.38E-01	5.40E-04	5.88E-03	4.00E-04	ND	ND	
Sweetclover	2378-TCDF	2.86E-02	1.26E-04	3.33E-06	6.64E-06	6.64E-06	6.64E-06	4.08E-02	1.20E-04	1.30E-03	8.88E-05	ND	ND	

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU																		
Number	Matrix	Analyte	American			Great		Golden		Bald		Deer		Mule		Kit		Soil Fauna
			Passerines	Kestrel	Horned Owl	Eagle	Eagle	Eagle	Mouse	Deer	Jackrabbit	Fox	Plants					
45 (cont.)	Sweetclover	OCDD	2.12E-02	9.30E-05	2.46E-06	4.91E-06	4.91E-06	4.91E-06	4.91E-06	2.26E-02	8.87E-05	9.64E-04	6.56E-05	ND	ND	ND	ND	
	Sweetclover	OCDF	9.72E-04	4.27E-06	1.13E-07	2.25E-07	2.25E-07	2.25E-07	2.25E-07	1.04E-03	4.07E-06	4.43E-05	3.01E-06	ND	ND	ND	ND	
	Sweetclover	TOTAL HpCDD	6.90E-03	3.03E-05	8.03E-07	1.60E-06	1.60E-06	1.60E-06	1.60E-06	7.38E-01	2.89E-03	3.14E-02	2.14E-03	ND	ND	ND	ND	
	Sweetclover	TOTAL HpCDF	3.82E-03	1.68E-05	4.45E-07	8.86E-07	8.86E-07	8.86E-07	8.86E-07	4.09E-01	1.60E-03	1.74E-02	1.18E-03	ND	ND	ND	ND	
	Sweetclover	TOTAL HxCDD	3.96E-02	1.74E-04	4.61E-06	9.19E-06	9.19E-06	9.19E-06	9.19E-06	4.24E-01	1.66E-03	1.81E-02	1.23E-03	ND	ND	ND	ND	
	Sweetclover	TOTAL HxCDF	6.18E-02	2.72E-04	7.19E-06	1.43E-05	1.43E-05	1.43E-05	1.43E-05	6.61E-01	2.59E-03	2.81E-02	1.91E-03	ND	ND	ND	ND	
	Sweetclover	TOTAL PeCDD	1.33E-01	5.87E-04	1.55E-05	3.11E-05	3.11E-05	3.11E-05	3.11E-05	2.87E-01	1.12E-03	1.22E-02	8.30E-04	ND	ND	ND	ND	
	Sweetclover	TOTAL PeCDF	6.45E-02	2.84E-04	7.50E-06	1.51E-05	1.51E-05	1.51E-05	1.51E-05	1.39E-01	5.43E-04	5.90E-03	4.01E-04	ND	ND	ND	ND	
	Sweetclover	TOTAL TCDD	1.29E-01	5.67E-04	1.50E-05	2.99E-05	2.99E-05	2.99E-05	2.99E-05	1.38E-01	5.40E-04	5.88E-03	4.00E-04	ND	ND	ND	ND	
	Sweetclover	TOTAL TCDF	5.73E-02	2.52E-04	6.66E-06	1.33E-05	1.33E-05	1.33E-05	1.33E-05	6.13E-02	2.40E-04	2.61E-03	1.78E-04	ND	ND	ND	ND	
RSA	Gumweed	1234678-HpCDD	1.58E-02	3.31E-03	1.18E-03	2.35E-03	2.35E-03	2.35E-03	2.35E-03	1.69E-02	2.65E-03	7.43E-03	2.40E-02	ND	ND	ND	ND	
	Gumweed	1234678-HpCDF	7.64E-03	1.60E-03	5.69E-04	1.13E-03	1.13E-03	1.13E-03	1.13E-03	8.18E-03	1.28E-03	3.59E-03	1.16E-02	ND	ND	ND	ND	
	Gumweed	123478-HxCDD	1.22E-01	2.56E-02	9.11E-03	1.82E-02	1.82E-02	1.82E-02	1.82E-02	1.31E-01	2.05E-02	5.74E-02	1.85E-01	ND	ND	ND	ND	
	Gumweed	123478-HxCDF	6.57E-04	1.37E-04	4.90E-05	9.76E-05	9.76E-05	9.76E-05	9.76E-05	7.04E-04	1.10E-04	3.09E-04	9.95E-04	ND	ND	ND	ND	
	Gumweed	1234789-HpCDD	1.25E-03	2.61E-04	9.32E-05	1.86E-04	1.86E-04	1.86E-04	1.86E-04	1.34E-03	2.10E-04	5.88E-04	1.89E-03	ND	ND	ND	ND	
	Gumweed	123678-HxCDD	1.02E-01	2.14E-02	7.62E-03	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.09E-01	1.72E-02	4.80E-02	1.55E-01	ND	ND	ND	ND	
	Gumweed	123678-HxCDF	5.24E-04	1.10E-04	3.91E-05	7.79E-05	7.79E-05	7.79E-05	7.79E-05	5.61E-04	8.79E-05	2.46E-04	7.94E-04	ND	ND	ND	ND	
	Gumweed	12378-PeCDD	4.24E-01	8.85E-02	3.16E-02	6.33E-02	6.33E-02	6.33E-02	6.33E-02	4.55E-01	7.13E-02	2.00E-01	6.44E-01	ND	ND	ND	ND	
	Gumweed	12378-PeCDF	1.51E-02	3.15E-03	1.12E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03	1.62E-02	2.53E-03	7.10E-03	2.29E-02	ND	ND	ND	ND	
	Gumweed	123789-HxCDD	1.11E-03	2.32E-04	8.26E-05	1.65E-04	1.65E-04	1.65E-04	1.65E-04	1.19E-03	1.86E-04	5.21E-04	1.68E-03	ND	ND	ND	ND	
	Gumweed	123789-HxCDF	7.04E-04	1.47E-04	5.24E-05	1.05E-04	1.05E-04	1.05E-04	1.05E-04	7.53E-04	1.18E-04	3.31E-04	1.07E-03	ND	ND	ND	ND	
	Gumweed	234678-HxCDF	6.31E-02	1.32E-02	4.70E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	6.75E-02	1.06E-02	2.96E-02	9.55E-02	ND	ND	ND	ND	
	Gumweed	23478-PeCDD	1.56E-01	3.25E-02	1.16E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02	1.67E-01	2.62E-02	7.33E-02	2.36E-01	ND	ND	ND	ND	
	Gumweed	2378-TCDD	5.11E-01	1.07E-01	3.80E-02	7.59E-02	7.59E-02	7.59E-02	7.59E-02	5.47E-01	8.57E-02	2.40E-01	7.73E-01	ND	ND	ND	ND	
	Gumweed	2378-TCDF	6.57E-02	1.37E-02	4.89E-03	9.76E-03	9.76E-03	9.76E-03	9.76E-03	9.37E-02	1.10E-02	3.08E-02	9.95E-02	ND	ND	ND	ND	
	Gumweed	OCDD	2.61E-03	5.45E-04	1.94E-04	3.87E-04	3.87E-04	3.87E-04	3.87E-04	2.79E-03	4.37E-04	1.22E-03	3.95E-03	ND	ND	ND	ND	
	Gumweed	OCDF	1.16E-03	2.42E-04	8.62E-05	1.72E-04	1.72E-04	1.72E-04	1.72E-04	1.24E-03	1.94E-04	5.44E-04	1.75E-03	ND	ND	ND	ND	
	Gumweed	TOTAL HpCDD	1.04E-02	2.17E-03	7.73E-04	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.11E+00	1.74E-01	4.87E-01	1.57E+00	ND	ND	ND	ND	
	Gumweed	TOTAL HpCDF	9.49E-03	1.98E-03	7.06E-04	1.41E-03	1.41E-03	1.41E-03	1.41E-03	1.02E+00	1.59E-01	4.45E-01	1.44E+00	ND	ND	ND	ND	
	Gumweed	TOTAL HxCDD	1.11E-01	2.32E-02	8.28E-03	6.14E-02	6.14E-02	6.14E-02	6.14E-02	4.43E-01	6.93E-02	5.22E-01	1.68E+00	ND	ND	ND	ND	
	Gumweed	TOTAL HxCDF	4.14E-02	8.64E-03	3.08E-03	6.14E-03	6.14E-03	6.14E-03	6.14E-03	9.10E-01	1.43E-01	1.94E-01	6.26E-01	ND	ND	ND	ND	
	Gumweed	TOTAL PeCDD	4.24E-01	8.85E-02	3.16E-02	6.33E-02	6.33E-02	6.33E-02	6.33E-02	5.04E-01	5.26E-02	3.99E-01	1.29E+00	ND	ND	ND	ND	
	Gumweed	TOTAL PeCDF	2.34E-01	4.90E-02	1.74E-02	4.66E-02	4.66E-02	4.66E-02	4.66E-02	3.36E-01	5.26E-02	2.21E-01	7.12E-01	ND	ND	ND	ND	
	Gumweed	TOTAL TCDD	3.14E-01	6.56E-02	2.34E-02	9.75E-03	9.75E-03	9.75E-03	9.75E-03	1.40E-01	2.20E-02	1.47E-01	4.75E-01	ND	ND	ND	ND	
	Gumweed	TOTAL TCDF	1.31E-01	2.73E-02	4.36E-04	8.70E-04	8.70E-04	8.70E-04	8.70E-04	6.27E-03	9.83E-04	2.75E-03	8.87E-03	ND	ND	ND	ND	
	Jackrabbit	1234678-HpCDD	5.86E-03	1.22E-03	4.62E-04	3.22E-04	3.22E-04	3.22E-04	3.22E-04	2.32E-03	3.64E-04	1.02E-03	3.29E-03	ND	ND	ND	ND	
	Jackrabbit	1234678-HpCDF	2.17E-03	4.54E-04	1.62E-04	7.60E-03	7.60E-03	7.60E-03	7.60E-03	3.48E-02	8.58E-03	2.40E-02	7.75E-02	ND	ND	ND	ND	
	Jackrabbit	123478-HxCDD	5.12E-02	1.07E-02	3.81E-03	2.48E-05	2.48E-05	2.48E-05	2.48E-05	3.57E-04	5.59E-05	1.57E-04	5.05E-04	ND	ND	ND	ND	
	Jackrabbit	123478-HxCDF	3.33E-04	6.97E-05	2.48E-05	4.95E-05	4.95E-05	4.95E-05	4.95E-05	6.97E-04	1.09E-04	3.06E-04	8.86E-04	ND	ND	ND	ND	
	Jackrabbit	1234789-HpCDD	6.51E-04	1.36E-04	4.85E-05	9.67E-05	9.67E-05	9.67E-05	9.67E-05	4.50E-02	7.05E-03	1.97E-02	6.37E-02	ND	ND	ND	ND	
Jackrabbit	123678-HxCDD	4.21E-02	8.79E-03	3.13E-03	6.25E-03	6.25E-03	6.25E-03	6.25E-03	4.50E-02	7.05E-03	1.97E-02	6.37E-02	ND	ND	ND	ND		

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	American				Golden		Bald	Deer		Mule	Kit			Soil Fauna
			Passerines	Kestrel	Horned Owl	Great	Eagle	Eagle		Mouse	Deer		Jackrabbit	Fox	Plants	
RSA (cont.)	Jackrabbit	123678-HxCDF	2.50E-04	5.23E-03	1.87E-05	1.87E-05	3.72E-05	3.72E-05	3.72E-05	2.68E-04	4.20E-05	4.20E-05	1.18E-04	3.79E-04	ND	ND
	Jackrabbit	12378-PeCDD	2.54E-01	5.31E-02	1.89E-02	1.89E-02	3.80E-02	3.80E-02	3.80E-02	2.72E-01	4.27E-02	4.27E-02	1.20E-01	3.86E-01	ND	ND
	Jackrabbit	12378-PeCDF	1.56E-02	3.26E-03	1.16E-03	1.16E-03	2.34E-03	2.34E-03	2.34E-03	3.95E-04	6.20E-05	6.20E-05	7.36E-03	2.37E-02	ND	ND
	Jackrabbit	123789-HxCDD	3.69E-04	7.72E-05	2.75E-05	2.75E-05	5.49E-05	5.49E-05	5.49E-05	3.60E-04	5.64E-05	5.64E-05	1.73E-04	5.09E-04	ND	ND
	Jackrabbit	123789-HxCDF	3.36E-04	7.02E-05	2.50E-05	2.50E-05	4.99E-05	4.99E-05	4.99E-05	3.37E-02	5.28E-03	5.28E-03	1.58E-04	5.09E-04	ND	ND
	Jackrabbit	234678-HxCDF	3.15E-02	6.57E-03	2.34E-03	2.34E-03	4.67E-03	4.67E-03	4.67E-03	3.37E-02	5.28E-03	5.28E-03	1.48E-02	4.76E-02	ND	ND
	Jackrabbit	23478-PeCDF	1.57E-01	3.29E-02	1.17E-02	1.17E-02	2.35E-02	2.35E-02	2.35E-02	1.69E-01	2.65E-02	2.65E-02	7.41E-02	2.39E-01	ND	ND
	Jackrabbit	2378-TCDD	2.92E-01	6.11E-02	2.18E-02	2.18E-02	4.34E-02	4.34E-02	4.34E-02	3.13E-01	4.90E-02	4.90E-02	1.37E-01	4.42E-01	ND	ND
	Jackrabbit	2378-TCDF	2.43E-02	5.08E-03	1.81E-03	1.81E-03	3.61E-03	3.61E-03	3.61E-03	3.47E-02	4.08E-03	4.08E-03	1.14E-02	3.68E-02	ND	ND
	Jackrabbit	OCDD	5.31E-04	1.11E-04	3.95E-05	3.95E-05	7.88E-05	7.88E-05	7.88E-05	5.68E-04	8.90E-05	8.90E-05	2.49E-04	8.03E-04	ND	ND
	Jackrabbit	OCDF	7.72E-04	1.61E-04	5.75E-05	5.75E-05	1.15E-04	1.15E-04	1.15E-04	8.26E-04	1.29E-04	1.29E-04	3.62E-04	1.17E-03	ND	ND
	Jackrabbit	TOTAL HpCDD	5.86E-03	1.22E-03	4.36E-04	4.36E-04	8.70E-04	8.70E-04	8.70E-04	6.27E-01	9.83E-02	9.83E-02	2.75E-01	8.87E-01	ND	ND
	Jackrabbit	TOTAL HpCDF	2.63E-03	5.50E-04	1.96E-04	1.96E-04	3.91E-04	3.91E-04	3.91E-04	2.82E-01	4.41E-02	4.41E-02	1.24E-01	3.98E-01	ND	ND
	Jackrabbit	TOTAL HxCDD	4.26E-02	8.91E-03	3.17E-03	3.17E-03	6.33E-03	6.33E-03	6.33E-03	4.56E-01	7.15E-02	7.15E-02	2.00E-01	6.45E-01	ND	ND
	Jackrabbit	TOTAL HxCDF	1.72E-02	3.60E-03	1.28E-03	1.28E-03	2.56E-03	2.56E-03	2.56E-03	1.84E-01	2.89E-02	2.89E-02	8.09E-02	2.61E-01	ND	ND
	Jackrabbit	TOTAL PeCDD	2.54E-01	5.31E-02	1.89E-02	1.89E-02	3.80E-02	3.80E-02	3.80E-02	5.46E-01	8.55E-02	8.55E-02	2.39E-01	7.72E-01	ND	ND
	Jackrabbit	TOTAL PeCDF	8.09E-02	1.69E-02	6.02E-03	6.02E-03	1.21E-02	1.21E-02	1.21E-02	1.74E-01	2.72E-02	2.72E-02	7.62E-02	2.46E-01	ND	ND
	Jackrabbit	TOTAL TCDD	2.92E-01	6.11E-02	2.18E-02	2.18E-02	4.34E-02	4.34E-02	4.34E-02	3.13E-01	4.90E-02	4.90E-02	1.37E-01	4.42E-01	ND	ND
	Jackrabbit	TOTAL TCDF	2.19E-02	4.57E-03	1.63E-03	1.63E-03	3.25E-03	3.25E-03	3.25E-03	2.34E-02	3.67E-03	3.67E-03	1.03E-02	3.31E-02	ND	ND
	Rabbitbrush	1234678-HpCDD	1.02E-02	2.13E-03	7.59E-04	7.59E-04	1.51E-03	1.51E-03	1.51E-03	1.09E-02	1.71E-03	1.71E-03	4.78E-03	1.54E-02	ND	ND
	Rabbitbrush	1234678-HpCDF	6.78E-03	1.42E-03	5.05E-04	5.05E-04	1.01E-03	1.01E-03	1.01E-03	7.26E-03	1.14E-03	1.14E-03	3.18E-03	1.03E-02	ND	ND
	Rabbitbrush	123478-HxCDD	1.07E-01	2.24E-02	8.00E-03	8.00E-03	1.60E-02	1.60E-02	1.60E-02	1.15E-01	1.80E-02	1.80E-02	5.04E-02	1.63E-01	ND	ND
	Rabbitbrush	123478-HxCDF	3.29E-04	6.88E-05	2.45E-05	2.45E-05	4.89E-05	4.89E-05	4.89E-05	3.52E-04	5.52E-05	5.52E-05	1.55E-04	4.98E-04	ND	ND
	Rabbitbrush	1234789-HpCDF	1.36E-03	2.83E-04	1.01E-04	1.01E-04	2.01E-04	2.01E-04	2.01E-04	1.45E-03	2.27E-04	2.27E-04	6.37E-04	2.05E-03	ND	ND
	Rabbitbrush	123678-HxCDD	8.82E-02	1.84E-02	6.57E-03	6.57E-03	1.31E-02	1.31E-02	1.31E-02	9.44E-02	1.48E-02	1.48E-02	4.14E-02	1.34E-01	ND	ND
	Rabbitbrush	123678-HxCDF	5.20E-04	1.09E-04	3.87E-05	3.87E-05	7.73E-05	7.73E-05	7.73E-05	5.57E-04	8.72E-05	8.72E-05	2.44E-04	7.88E-04	ND	ND
	Rabbitbrush	12378-PeCDD	4.16E-01	8.70E-02	3.10E-02	3.10E-02	6.23E-02	6.23E-02	6.23E-02	4.47E-01	7.01E-02	7.01E-02	1.96E-01	6.33E-01	ND	ND
	Rabbitbrush	12378-PeCDF	2.66E-02	5.56E-03	1.98E-03	1.98E-03	3.98E-03	3.98E-03	3.98E-03	2.85E-02	4.48E-03	4.48E-03	1.25E-02	4.04E-02	ND	ND
	Rabbitbrush	123789-HxCDD	7.75E-04	1.62E-04	5.77E-05	5.77E-05	1.15E-04	1.15E-04	1.15E-04	8.30E-04	1.30E-04	1.30E-04	3.64E-04	1.17E-03	ND	ND
	Rabbitbrush	123789-HxCDF	6.97E-04	1.46E-04	5.19E-05	5.19E-05	1.04E-04	1.04E-04	1.04E-04	7.46E-04	1.17E-04	1.17E-04	3.27E-04	1.06E-03	ND	ND
	Rabbitbrush	234678-HxCDF	2.97E-02	6.21E-03	2.21E-03	2.21E-03	4.42E-03	4.42E-03	4.42E-03	3.18E-02	4.99E-03	4.99E-03	1.40E-02	4.50E-02	ND	ND
	Rabbitbrush	23478-PeCDF	2.68E-01	5.60E-02	2.00E-02	2.00E-02	4.01E-02	4.01E-02	4.01E-02	2.88E-01	4.51E-02	4.51E-02	1.26E-01	4.07E-01	ND	ND
	Rabbitbrush	2378-TCDD	3.75E-01	7.84E-02	2.79E-02	2.79E-02	5.57E-02	5.57E-02	5.57E-02	4.02E-01	6.29E-02	6.29E-02	1.76E-01	5.68E-01	ND	ND
	Rabbitbrush	2378-TCDF	2.40E-02	5.02E-03	1.79E-03	1.79E-03	3.57E-03	3.57E-03	3.57E-03	3.42E-02	4.03E-03	4.03E-03	1.13E-02	3.64E-02	ND	ND
	Rabbitbrush	OCDD	4.29E-03	8.96E-04	3.19E-04	3.19E-04	6.37E-04	6.37E-04	6.37E-04	4.59E-03	7.19E-04	7.19E-04	2.01E-03	6.49E-03	ND	ND
	Rabbitbrush	OCDF	1.18E-03	2.46E-04	8.76E-05	8.76E-05	1.75E-04	1.75E-04	1.75E-04	1.26E-03	1.97E-04	1.97E-04	5.52E-04	1.78E-03	ND	ND
	Rabbitbrush	TOTAL HpCDD	1.58E-02	3.29E-03	1.17E-03	1.17E-03	2.34E-03	2.34E-03	2.34E-03	1.69E+00	2.64E-01	2.64E-01	7.40E-01	2.39E+00	ND	ND
	Rabbitbrush	TOTAL HpCDF	7.66E-03	1.60E-03	5.71E-04	5.71E-04	1.14E-03	1.14E-03	1.14E-03	8.20E-01	1.29E-01	1.29E-01	3.60E-01	1.16E+00	ND	ND
	Rabbitbrush	TOTAL HxCDD	8.95E-02	1.87E-02	6.66E-03	6.66E-03	1.33E-02	1.33E-02	1.33E-02	9.58E-01	1.50E-01	1.50E-01	4.20E-01	1.35E+00	ND	ND
	Rabbitbrush	TOTAL HxCDF	1.19E-01	2.50E-02	8.90E-03	8.90E-03	1.77E-02	1.77E-02	1.77E-02	1.28E+00	2.00E-01	2.00E-01	5.61E-01	1.81E+00	ND	ND
	Rabbitbrush	TOTAL PeCDD	1.81E-01	3.78E-02	1.35E-02	1.35E-02	2.71E-02	2.71E-02	2.71E-02	3.89E-01	6.10E-02	6.10E-02	1.71E-01	5.50E-01	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU													
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
RSA (cont.)	Rabbitbrush	TOTAL PeCDF	1.38E-01	2.88E-02	1.02E-02	2.06E-02	2.06E-02	2.96E-01	4.63E-02	1.30E-01	4.18E-01	ND	ND
	Rabbitbrush	TOTAL TCDD	2.12E-01	4.43E-02	1.38E-02	3.15E-02	3.15E-02	2.27E-01	3.55E-02	9.95E-02	3.21E-01	ND	ND
	Rabbitbrush	TOTAL TCDF	5.29E-02	1.11E-02	3.94E-03	7.86E-03	7.86E-03	5.67E-02	8.88E-03	2.49E-02	8.02E-02	ND	ND
	Sweetclover	1234678-HpCDD	9.75E-03	2.04E-03	7.56E-04	1.45E-03	1.45E-03	1.04E-02	1.63E-03	4.58E-03	1.48E-02	ND	ND
	Sweetclover	1234678-HpCDF	2.12E-02	4.43E-03	1.58E-03	3.15E-03	3.15E-03	2.27E-02	3.56E-03	9.96E-03	3.21E-02	ND	ND
	Sweetclover	123478-HxCDD	3.05E-02	6.37E-03	2.27E-03	4.53E-03	4.53E-03	3.27E-02	5.12E-03	1.43E-02	4.62E-02	ND	ND
	Sweetclover	123478-HxCDF	3.66E-04	7.66E-05	2.73E-05	5.44E-05	5.44E-05	3.92E-04	6.14E-05	1.72E-04	5.55E-04	ND	ND
	Sweetclover	1234789-HpCDF	4.53E-04	9.47E-05	3.38E-05	6.73E-05	6.73E-05	4.85E-04	7.60E-05	2.13E-04	6.87E-04	ND	ND
	Sweetclover	123678-HxCDD	3.00E-02	6.26E-03	2.23E-03	4.45E-03	4.45E-03	3.21E-02	5.03E-03	1.41E-02	4.54E-02	ND	ND
	Sweetclover	123678-HxCDF	1.98E-04	4.13E-05	1.47E-05	2.94E-05	2.94E-05	2.12E-04	3.31E-05	9.28E-05	2.99E-04	ND	ND
	Sweetclover	12378-PeCDD	1.83E-01	3.82E-02	1.36E-02	2.73E-02	2.73E-02	1.96E-01	3.08E-02	8.61E-02	2.78E-01	ND	ND
	Sweetclover	12378-PeCDF	1.25E-02	2.61E-03	9.31E-04	1.87E-03	1.87E-03	1.34E-02	2.10E-03	5.89E-03	1.90E-02	ND	ND
	Sweetclover	123789-HxCDD	2.95E-04	6.16E-05	2.19E-05	4.38E-05	4.38E-05	3.15E-04	4.94E-05	1.38E-04	4.46E-04	ND	ND
	Sweetclover	123789-HxCDF	2.18E-04	4.56E-05	1.62E-05	3.24E-05	3.24E-05	2.34E-04	3.66E-05	1.02E-04	3.30E-04	ND	ND
	Sweetclover	234678-HxCDF	3.63E-02	7.58E-03	2.70E-03	5.39E-03	5.39E-03	3.88E-02	6.08E-03	1.70E-02	5.49E-02	ND	ND
	Sweetclover	23478-PeCDF	7.99E-02	1.67E-02	5.95E-03	1.20E-02	1.20E-02	8.58E-02	1.35E-02	3.77E-02	1.21E-01	ND	ND
	Sweetclover	2378-TCDD	2.64E-01	5.52E-02	1.97E-02	3.92E-02	3.92E-02	2.83E-01	4.43E-02	1.24E-01	4.00E-01	ND	ND
	Sweetclover	2378-TCDF	2.59E-02	5.40E-03	1.93E-03	3.84E-03	3.84E-03	3.69E-02	4.34E-03	1.21E-02	3.92E-02	ND	ND
	Sweetclover	OCDD	8.00E-03	1.67E-03	5.95E-04	1.19E-03	1.19E-03	8.56E-03	1.34E-03	3.75E-03	1.21E-02	ND	ND
	Sweetclover	OCDF	4.19E-03	8.75E-04	3.12E-04	6.22E-04	6.22E-04	1.81E+00	2.83E-01	1.97E-03	6.34E-03	ND	ND
	Sweetclover	TOTAL HpCDD	1.69E-02	3.52E-03	1.26E-03	2.50E-03	2.50E-03	2.44E+00	9.45E-02	1.07E+00	3.45E+00	ND	ND
	Sweetclover	TOTAL HpCDF	2.28E-02	4.76E-03	1.70E-03	3.38E-03	3.38E-03	6.03E-01	9.45E-02	2.64E-01	8.53E-01	ND	ND
	Sweetclover	TOTAL HxCDD	5.63E-02	1.18E-02	4.19E-03	8.36E-03	8.36E-03	1.08E+00	1.69E-01	4.73E-01	1.53E+00	ND	ND
	Sweetclover	TOTAL HxCDF	1.01E-01	2.11E-02	7.51E-03	1.50E-02	1.50E-02	3.93E-01	6.15E-02	1.72E-01	5.55E-01	ND	ND
	Sweetclover	TOTAL PeCDD	1.83E-01	3.82E-02	1.36E-02	2.73E-02	2.73E-02	2.41E-01	3.77E-02	1.06E-01	3.41E-01	ND	ND
	Sweetclover	TOTAL PeCDF	1.12E-01	2.34E-02	8.33E-03	1.68E-02	1.68E-02	1.57E-01	2.45E-02	6.87E-02	2.22E-01	ND	ND
	Sweetclover	TOTAL TCDD	1.46E-01	3.06E-02	1.09E-02	2.17E-02	2.17E-02	4.17E-02	6.53E-03	1.83E-02	5.90E-02	ND	ND
	Sweetclover	TOTAL TCDF	3.90E-02	8.14E-03	2.90E-03	5.78E-03	5.78E-03	1.66E-03	2.61E-06	2.84E-05	1.93E-06	ND	ND
10 ^(b)	Jackrabbit	1234678-HpCDD	1.55E-03	2.74E-06	7.24E-08	1.44E-07	1.44E-07	6.50E-01	1.02E-03	1.11E-02	7.53E-04	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E+00	1.02E-02	1.11E-01	7.53E-03	ND	ND
	Jackrabbit	123478-HxCDD	6.07E-02	1.07E-02	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
	Jackrabbit	1234789-HpCDD	6.07E-02	1.07E-02	2.83E-06	5.64E-06	5.64E-06	6.50E+00	1.02E-02	1.11E-01	7.53E-03	ND	ND
	Jackrabbit	123678-HxCDD	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	5.32E-02	1.41E-03	2.83E-03	2.83E-03	3.25E+01	5.09E-02	5.54E-01	3.77E-02	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+00	5.32E-03	1.41E-04	2.83E-04	2.83E-04	3.25E+00	5.09E-03	5.54E-02	3.77E-03	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
	Jackrabbit	234678-HxCDF	6.07E+00	1.07E-02	2.83E-04	5.64E-04	5.64E-04	6.50E+00	1.02E-02	1.11E-01	7.53E-03	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	5.32E-02	1.41E-03	2.83E-03	2.83E-03	3.25E+01	5.09E-02	5.54E-01	3.77E-02	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	American			Golden		Bald		Deer		Mule		Kit		Soil	
			Passerines	Kestrel	Great Horned Owl	Eagle	Eagle	Eagle	Eagle	Mouse	Deer	Deer	Deer	Jackrabbit	Fox	Plants	Fauna
10 (cont.)	Jackrabbit	2378-TCDD	3.17E-01	5.38E-04	1.48E-05	2.94E-05	2.94E-05	2.94E-05	2.94E-05	3.40E-01	5.32E-04	5.32E-04	5.32E-04	5.78E-03	3.93E-04	ND	ND
	Jackrabbit	2378-TCDF	5.45E-03	9.58E-06	2.34E-07	5.06E-07	5.06E-07	5.06E-07	5.06E-07	7.77E-03	9.14E-06	9.14E-06	9.14E-06	9.93E-05	6.76E-06	ND	ND
	Jackrabbit	OCDD	4.24E-04	7.45E-07	1.97E-08	3.93E-08	3.93E-08	3.93E-08	3.93E-08	4.54E-04	7.11E-07	7.11E-07	7.11E-07	7.73E-06	5.25E-07	ND	ND
	Jackrabbit	OCDF	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.02E-04	1.02E-04	1.11E-03	7.53E-05	ND	ND
	Jackrabbit	TOTAL HpCDD	1.55E-03	2.74E-06	7.24E-08	1.44E-07	1.44E-07	1.44E-07	1.44E-07	1.66E-01	2.61E-04	2.61E-04	2.61E-04	2.84E-03	1.93E-04	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	1.07E-03	2.83E-05	5.64E-05	5.64E-05	5.64E-05	5.64E-05	6.50E+01	1.02E-01	1.02E-01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	1.07E-02	2.83E-04	5.64E-04	5.64E-04	5.64E-04	5.64E-04	6.50E+01	1.02E-01	1.02E-01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL HxCDF	6.07E+00	1.07E-02	2.83E-04	5.64E-04	5.64E-04	5.64E-04	5.64E-04	6.50E+01	1.02E-01	1.02E-01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	5.32E-02	1.41E-03	2.83E-03	2.83E-03	2.83E-03	2.83E-03	6.50E+01	1.02E-01	1.02E-01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	5.32E-02	1.41E-03	2.83E-03	2.83E-03	2.83E-03	2.83E-03	6.50E+01	1.02E-01	1.02E-01	1.02E-01	1.11E+00	7.53E-02	ND	ND
	Jackrabbit	TOTAL TCDD	3.17E-01	5.38E-04	1.48E-05	2.94E-05	2.94E-05	2.94E-05	2.94E-05	3.40E-01	5.32E-04	5.32E-04	5.32E-04	5.78E-03	3.93E-04	ND	ND
	Jackrabbit	TOTAL TCDF	5.45E-03	9.58E-06	2.34E-07	5.06E-07	5.06E-07	5.06E-07	5.06E-07	7.77E-03	9.14E-06	9.14E-06	9.14E-06	9.93E-05	6.76E-06	ND	ND
	Jackrabbit	1234678-HpCDD	7.27E-03	1.92E-05	5.08E-07	1.01E-06	1.01E-06	1.01E-06	1.01E-06	7.79E-03	1.83E-05	1.83E-05	1.83E-05	1.99E-04	1.35E-05	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	1.60E-03	4.24E-05	8.46E-05	8.46E-05	8.46E-05	8.46E-05	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-01	1.13E-02	ND	ND
	Jackrabbit	123478-HxCDD	6.07E+00	1.60E-02	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	1234789-HpCDD	6.07E-02	1.60E-02	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	1234789-HpCDF	6.07E-02	1.60E-02	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
11	Jackrabbit	123678-HxCDD	6.07E-02	1.60E-02	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	123678-HxCDF	6.07E-02	1.60E-02	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	12378-PeCDD	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	4.24E-03	4.24E-03	3.25E+01	7.64E-02	7.64E-02	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	12378-PeCDF	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	4.24E-03	4.24E-03	3.25E+01	7.64E-02	7.64E-02	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	123789-HxCDD	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	123789-HxCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	234678-HxCDF	6.07E+00	1.60E-02	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	23478-PeCDD	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	4.24E-03	4.24E-03	3.25E+01	7.64E-02	7.64E-02	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	23478-PeCDF	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	4.24E-03	4.24E-03	3.25E+01	7.64E-02	7.64E-02	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	2378-TCDD	1.07E-02	2.84E-05	7.50E-07	1.50E-06	1.50E-06	1.50E-06	1.50E-06	8.21E-02	1.93E-04	1.93E-04	1.93E-04	2.10E-03	1.43E-04	ND	ND
	Jackrabbit	2378-TCDF	1.07E-02	2.84E-05	7.50E-07	1.50E-06	1.50E-06	1.50E-06	1.50E-06	8.21E-02	1.93E-04	1.93E-04	1.93E-04	2.10E-03	1.43E-04	ND	ND
	Jackrabbit	OCDD	2.19E-02	5.78E-05	1.53E-06	3.05E-06	3.05E-06	3.05E-06	3.05E-06	2.35E-02	5.31E-05	5.31E-05	5.31E-05	5.99E-04	4.08E-05	ND	ND
	Jackrabbit	OCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+00	1.53E-02	1.53E-02	1.53E-02	1.66E-03	1.13E-04	ND	ND
	Jackrabbit	TOTAL HpCDD	7.27E-03	1.92E-05	5.08E-07	1.01E-06	1.01E-06	1.01E-06	1.01E-06	7.79E-03	1.83E-05	1.83E-05	1.83E-05	1.99E-04	1.35E-05	ND	ND
	Jackrabbit	TOTAL HpCDF	6.07E-01	1.60E-03	4.24E-05	8.46E-05	8.46E-05	8.46E-05	8.46E-05	6.50E+01	1.53E-02	1.53E-02	1.53E-02	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL HxCDD	6.07E+00	1.60E-02	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+01	1.53E-02	1.53E-02	1.53E-02	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL HxCDF	6.07E+00	1.60E-02	4.24E-06	8.46E-06	8.46E-06	8.46E-06	8.46E-06	6.50E+01	1.53E-02	1.53E-02	1.53E-02	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL PeCDD	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	4.24E-03	4.24E-03	6.50E+01	1.53E-02	1.53E-02	1.53E-02	1.66E+00	1.13E-01	ND	ND
	Jackrabbit	TOTAL PeCDF	3.03E+01	7.98E-02	2.11E-03	4.24E-03	4.24E-03	4.24E-03	4.24E-03	6.50E+01	1.53E-02	1.53E-02	1.53E-02	1.66E+00	1.13E-01	ND	ND
12	Jackrabbit	TOTAL TCDD	7.67E-02	2.02E-04	5.36E-06	1.07E-05	1.07E-05	1.07E-05	1.07E-05	8.21E-02	1.93E-04	1.93E-04	1.93E-04	2.10E-03	1.43E-04	ND	ND
	Jackrabbit	TOTAL TCDF	1.07E-02	2.84E-05	7.50E-07	1.50E-06	1.50E-06	1.50E-06	1.50E-06	8.21E-02	1.93E-04	1.93E-04	1.93E-04	2.10E-03	1.43E-04	ND	ND
	Jackrabbit	1234678-HpCDD	2.78E-03	3.66E-05	9.69E-07	1.93E-06	1.93E-06	1.93E-06	1.93E-06	1.15E-02	2.70E-05	2.70E-05	2.70E-05	2.94E-04	2.00E-05	ND	ND
	Jackrabbit	1234678-HpCDF	6.07E-01	8.01E-03	2.12E-04	4.23E-04	4.23E-04	4.23E-04	4.23E-04	6.50E-01	7.64E-03	7.64E-03	7.64E-03	8.31E-02	5.65E-03	ND	ND
	Jackrabbit	123478-HxCDD	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03	6.50E+00	7.64E-02	7.64E-02	7.64E-02	8.31E-01	5.65E-02	ND	ND
	Jackrabbit	123478-HxCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	7.64E-04	7.64E-04	8.31E-03	5.65E-04	ND	ND
	Jackrabbit																
	Jackrabbit																

Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU		American				Great		Golden		Bald		Deer		Mule		Kit		Soil	
Number	Matrix	Analyte	Passerines	Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer	Deer	Jackrabbit	Fox	Plants	Fauna					
12 (cont.)	Jackrabbit	1234789-HpCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-02	7.64E-02	8.31E-03	5.65E-04	ND	ND					
	Jackrabbit	123678-HxCDD	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+00	7.64E-02	7.64E-02	8.31E-01	5.65E-02	ND	ND					
	Jackrabbit	123678-HxCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	7.64E-04	8.31E-03	5.65E-04	ND	ND					
	Jackrabbit	12378-PeCDD	3.03E+01	3.99E-01	1.06E-02	2.12E-02	2.12E-02	3.25E+01	3.82E-01	3.82E-01	4.15E+00	2.82E-01	ND	ND					
	Jackrabbit	12378-PeCDF	3.03E+00	3.99E-02	1.06E-03	2.12E-03	2.12E-03	3.25E+00	3.82E-02	3.82E-02	4.15E-01	2.82E-02	ND	ND					
	Jackrabbit	123789-HxCDD	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	7.64E-04	8.31E-03	5.65E-04	ND	ND					
	Jackrabbit	123789-HxCDF	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+00	7.64E-02	7.64E-02	8.31E-01	5.65E-02	ND	ND					
	Jackrabbit	23478-PeCDD	3.03E+01	3.99E-01	1.06E-02	2.12E-02	2.12E-02	3.25E+01	3.82E-01	3.82E-01	4.15E+00	2.82E-01	ND	ND					
	Jackrabbit	2378-TCDD	1.16E-01	1.53E-03	4.04E-05	8.06E-05	8.06E-05	1.24E-01	1.46E-03	1.46E-03	1.58E-02	1.08E-03	ND	ND					
	Jackrabbit	2378-TCDF	7.25E-03	9.57E-05	2.53E-06	5.05E-06	5.05E-06	1.03E-02	9.12E-05	9.12E-05	9.92E-04	6.75E-05	ND	ND					
	Jackrabbit	OCDD	1.02E-03	1.35E-05	3.58E-07	7.13E-07	7.13E-07	1.10E-03	1.29E-05	1.29E-05	1.40E-04	9.53E-06	ND	ND					
	Jackrabbit	OCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	7.64E-04	8.31E-03	5.65E-04	ND	ND					
	Jackrabbit	TOTAL HpCDD	2.78E-03	3.66E-05	9.69E-07	1.93E-06	1.93E-06	2.97E-01	3.49E-03	3.49E-03	3.80E-02	2.58E-03	ND	ND					
	Jackrabbit	TOTAL HpCDF	6.07E-01	8.01E-03	2.12E-04	4.23E-04	4.23E-04	6.50E+01	7.64E-01	7.64E-01	8.31E+00	5.65E-01	ND	ND					
	Jackrabbit	TOTAL HxCDD	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+01	7.64E-01	7.64E-01	8.31E+00	5.65E-01	ND	ND					
	Jackrabbit	TOTAL HxCDF	6.07E+00	8.01E-02	2.12E-03	4.23E-03	4.23E-03	6.50E+01	7.64E-01	7.64E-01	8.31E+00	5.65E-01	ND	ND					
	Jackrabbit	TOTAL PeCDD	3.03E+01	3.99E-01	1.06E-02	2.12E-02	2.12E-02	6.50E+01	7.64E-01	7.64E-01	8.31E+00	5.65E-01	ND	ND					
	Jackrabbit	TOTAL PeCDF	3.03E+01	3.99E-01	1.06E-02	2.12E-02	2.12E-02	6.50E+01	7.64E-01	7.64E-01	8.31E+00	5.65E-01	ND	ND					
	Jackrabbit	TOTAL TCDD	1.16E-01	1.53E-03	4.04E-05	8.06E-05	8.06E-05	1.24E-01	1.46E-03	1.46E-03	1.58E-02	1.08E-03	ND	ND					
	Jackrabbit	TOTAL TCDF	7.25E-03	9.57E-05	2.53E-06	5.05E-06	5.05E-06	1.24E-01	1.46E-03	1.46E-03	1.58E-02	1.08E-03	ND	ND					
	Jackrabbit	1234678-HpCDD	7.80E-02	3.43E-03	9.07E-05	1.81E-04	1.81E-04	8.34E-02	3.27E-03	3.27E-03	3.55E-02	2.42E-03	ND	ND					
	Jackrabbit	1234678-HpCDF	6.07E-01	2.67E-02	7.07E-04	1.41E-03	1.41E-03	6.50E-01	2.55E-02	2.55E-02	2.77E-01	1.88E-02	ND	ND					
	Jackrabbit	123478-HxCDD	6.07E+00	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E+00	2.55E-01	2.55E-01	2.77E+00	1.88E-01	ND	ND					
	Jackrabbit	123478-HxCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.55E-03	2.77E-02	1.88E-03	ND	ND					
	Jackrabbit	1234789-HpCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.55E-03	2.77E-02	1.88E-03	ND	ND					
	Jackrabbit	123678-HxCDD	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	6.50E+00	2.55E-01	2.55E-01	2.77E+00	1.88E-01	ND	ND					
Jackrabbit	123678-HxCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.55E-03	2.77E-02	1.88E-03	ND	ND						
Jackrabbit	12378-PeCDD	3.03E+01	1.33E+00	3.52E-02	7.07E-02	7.07E-02	3.25E+01	1.27E+00	1.27E+00	1.38E+01	9.42E-01	ND	ND						
Jackrabbit	12378-PeCDF	3.03E+00	1.33E-01	3.52E-03	7.07E-03	7.07E-03	3.25E+00	1.27E-01	1.27E-01	1.38E+00	9.42E-02	ND	ND						
Jackrabbit	123789-HxCDD	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.55E-03	2.77E-02	1.88E-03	ND	ND						
Jackrabbit	123789-HxCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.55E-03	2.77E-02	1.88E-03	ND	ND						
Jackrabbit	234678-HxCDF	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	6.50E+00	2.55E-01	2.55E-01	2.77E+00	1.88E-01	ND	ND						
Jackrabbit	23478-PeCDF	3.03E+01	1.33E+00	3.52E-02	7.07E-02	7.07E-02	3.25E+01	1.27E+00	1.27E+00	1.38E+01	9.42E-01	ND	ND						
Jackrabbit	2378-TCDD	4.21E-01	1.85E-02	4.89E-04	9.76E-04	9.76E-04	4.50E-01	1.76E-02	1.76E-02	1.92E-01	1.30E-02	ND	ND						
Jackrabbit	2378-TCDF	7.86E-03	3.46E-04	9.14E-06	1.82E-05	1.82E-05	1.12E-02	3.29E-04	3.29E-04	3.58E-03	2.44E-04	ND	ND						
Jackrabbit	OCDD	1.35E-01	5.92E-03	1.57E-04	3.12E-04	3.12E-04	1.44E-01	5.64E-03	5.64E-03	6.14E-02	4.17E-03	ND	ND						
Jackrabbit	OCDF	6.07E-02	2.67E-03	7.07E-05	1.41E-04	1.41E-04	6.50E-02	2.55E-03	2.55E-03	2.77E-02	1.88E-03	ND	ND						
Jackrabbit	TOTAL HpCDD	7.80E-02	3.43E-03	9.07E-05	1.81E-04	1.81E-04	8.34E+00	3.27E-03	3.27E-03	3.55E+00	2.42E-03	ND	ND						
Jackrabbit	TOTAL HpCDF	6.07E-01	2.67E-02	7.07E-04	1.41E-03	1.41E-03	6.50E+01	2.55E+00	2.55E+00	2.77E+01	1.88E+00	ND	ND						
Jackrabbit	TOTAL HxCDD	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	6.50E+01	2.55E+00	2.55E+00	2.77E+01	1.88E+00	ND	ND						

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Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU																
Number	Matrix	Analyte	American			Golden		Bald Eagle	Deer		Mule		Kit		Soil	
			Passerines	Kestrel	Great Horned Owl	Eagle	Eagle		Mouse	Deer	Jackrabbit	Fox	Plants	Fauna		
15 (cont.)	Jackrabbit	TOTAL HxCDF	6.07E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	1.41E-02	6.50E+01	2.55E+00	2.77E+01	1.88E+00	ND	ND		
	Jackrabbit	TOTAL PeCDD	3.03E+01	1.33E+00	3.52E-02	7.07E-02	7.07E-02	7.07E-02	6.50E+01	2.55E+00	2.77E+01	1.88E+00	ND	ND		
	Jackrabbit	TOTAL PeCDF	3.03E+01	1.33E+00	3.52E-02	7.07E-02	7.07E-02	7.07E-02	6.50E+01	2.55E+00	2.77E+01	1.88E+00	ND	ND		
	Jackrabbit	TOTAL TCDD	4.21E-01	1.85E-02	4.89E-04	9.76E-04	9.76E-04	9.76E-04	4.50E-01	1.76E-02	1.92E-01	1.30E-02	ND	ND		
	Jackrabbit	TOTAL TCDF	7.86E-03	3.46E-04	9.14E-06	1.82E-05	1.82E-05	1.82E-05	8.41E-03	3.29E-04	3.58E-03	2.44E-04	ND	ND		
	Jackrabbit	1234678-HpCDD	1.73E-03	4.57E-07	1.21E-08	2.41E-08	2.41E-08	2.41E-08	1.06E-03	4.35E-07	4.73E-06	3.22E-07	ND	ND		
	Jackrabbit	1234678-HpCDF	2.53E-01	6.68E-05	1.77E-06	3.52E-06	3.52E-06	3.52E-06	1.55E+00	6.37E-04	6.92E-03	4.71E-05	ND	ND		
	Jackrabbit	123478-HxCDD	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	3.52E-05	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND		
	Jackrabbit	123478-HxCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND		
	Jackrabbit	1234789-HpCDF	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	3.52E-05	1.55E+00	6.37E-04	6.92E-03	4.71E-04	ND	ND		
	Jackrabbit	12378-PeCDD	1.26E+01	3.33E-03	8.80E-05	1.77E-04	1.77E-04	1.77E-04	7.73E+00	3.18E-03	3.46E-02	2.35E-03	ND	ND		
	Jackrabbit	12378-PeCDF	1.26E+00	3.33E-04	8.80E-06	1.77E-05	1.77E-05	1.77E-05	7.73E-01	3.18E-04	3.46E-03	2.35E-04	ND	ND		
	Jackrabbit	123789-HxCDD	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND		
	Jackrabbit	234678-HxCDF	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	3.52E-05	1.55E+00	6.37E-04	6.92E-03	4.71E-04	ND	ND		
21	Jackrabbit	23478-PeCDF	1.26E+01	3.33E-03	8.80E-05	1.77E-04	1.77E-04	1.77E-04	7.73E+00	3.18E-03	3.46E-02	2.35E-03	ND	ND		
	Jackrabbit	2378-TCDD	9.78E-02	2.58E-05	6.83E-07	1.36E-06	1.36E-06	1.36E-06	5.98E-02	2.46E-05	2.68E-04	1.82E-05	ND	ND		
	Jackrabbit	2378-TCDF	6.17E-03	1.63E-06	4.31E-08	8.60E-08	8.60E-08	8.60E-08	5.03E-03	1.55E-06	1.69E-05	1.15E-06	ND	ND		
	Jackrabbit	OCDD	4.39E-03	1.16E-06	3.07E-08	6.11E-08	6.11E-08	6.11E-08	2.69E-03	1.10E-06	1.20E-05	8.17E-07	ND	ND		
	Jackrabbit	OCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND		
	Jackrabbit	TOTAL HpCDD	1.73E-03	4.57E-07	1.21E-08	2.41E-08	2.41E-08	2.41E-08	1.06E-01	4.35E-05	4.73E-04	3.22E-05	ND	ND		
	Jackrabbit	TOTAL HpCDF	2.53E-01	6.68E-05	1.77E-06	3.52E-06	3.52E-06	3.52E-06	1.55E+01	6.37E-03	6.92E-02	4.71E-03	ND	ND		
	Jackrabbit	TOTAL HxCDD	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	3.52E-05	1.55E+01	6.37E-03	6.92E-02	4.71E-03	ND	ND		
	Jackrabbit	TOTAL HxCDF	2.53E+00	6.68E-04	1.77E-05	3.52E-05	3.52E-05	3.52E-05	1.55E+01	6.37E-03	6.92E-02	4.71E-03	ND	ND		
	Jackrabbit	TOTAL PeCDD	1.26E+01	3.33E-03	8.80E-05	1.77E-04	1.77E-04	1.77E-04	7.73E+00	3.18E-03	3.46E-02	2.35E-03	ND	ND		
	Jackrabbit	TOTAL PeCDF	1.26E+01	3.33E-03	8.80E-05	1.77E-04	1.77E-04	1.77E-04	7.73E+00	3.18E-03	3.46E-02	2.35E-03	ND	ND		
	Jackrabbit	TOTAL TCDD	9.78E-02	2.58E-05	6.83E-07	1.36E-06	1.36E-06	1.36E-06	5.98E-02	2.46E-05	2.68E-04	1.82E-05	ND	ND		
	Jackrabbit	TOTAL TCDF	6.17E-03	1.63E-06	4.31E-08	8.60E-08	8.60E-08	8.60E-08	5.98E-02	2.46E-05	2.68E-04	1.82E-05	ND	ND		
	37	Jackrabbit	1234678-HpCDD	2.57E-01	1.58E-04	4.18E-06	8.34E-06	8.34E-06	8.34E-06	2.75E-01	1.51E-04	1.69E-05	1.15E-06	ND	ND	
Jackrabbit		1234678-HpCDF	6.07E-01	3.74E-04	9.89E-06	1.97E-05	1.97E-05	1.97E-05	6.50E-01	3.56E-04	3.88E-03	2.64E-04	ND	ND		
Jackrabbit		123478-HxCDD	6.07E+00	3.74E-03	9.89E-05	1.97E-04	1.97E-04	1.97E-04	6.50E+00	3.56E-03	3.88E-02	2.64E-03	ND	ND		
Jackrabbit		123478-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND		
Jackrabbit		1234789-HpCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	1.97E-06	6.50E+00	3.56E-03	3.88E-04	2.64E-05	ND	ND		
Jackrabbit		123678-HxCDD	6.07E+00	3.74E-03	9.89E-05	1.97E-04	1.97E-04	1.97E-04	6.50E+00	3.56E-03	3.88E-04	2.64E-05	ND	ND		
Jackrabbit		123678-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND		
Jackrabbit		1236789-HpCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	1.97E-06	6.50E+00	3.56E-03	3.88E-02	2.64E-03	ND	ND		
Jackrabbit		123678-HxCDD	6.07E+00	3.74E-03	9.89E-05	1.97E-04	1.97E-04	1.97E-04	6.50E+00	3.56E-03	3.88E-04	2.64E-05	ND	ND		
Jackrabbit		123678-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND		
Jackrabbit		12378-PeCDD	3.03E+01	1.86E-02	4.93E-04	9.89E-04	9.89E-04	9.89E-04	3.25E+01	1.78E-02	1.94E-01	1.32E-02	ND	ND		
Jackrabbit		12378-PeCDF	3.03E+00	1.86E-03	4.93E-05	9.89E-05	9.89E-05	9.89E-05	3.25E+00	1.78E-03	1.94E-02	1.32E-03	ND	ND		
Jackrabbit		123789-HxCDD	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND		
Jackrabbit		123789-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND		

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Final Hazard Quotients - Dioxins/Furans in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines		American Kestrel		Great Horned Owl		Golden Eagle		Bald Eagle		Deer Mouse		Male Deer		Jackrabbit		Kit Fox		Plants		Soil Fauna	
			TOTAL HpCDF		TOTAL HxCDD		TOTAL HxCDF		TOTAL PeCDD		TOTAL PeCDF		TOTAL TCDD		TOTAL TCDF		TOTAL TCDD		TOTAL TCDF		TOTAL TCDD		TOTAL TCDF	
42 (cont.)	Jackrabbit	TOTAL HpCDF	6.07E-01		1.92E-02		5.09E-04		1.01E-03		1.01E-03		6.50E+01		1.83E+00		1.99E+01		1.36E+00		ND		ND	
	Jackrabbit	TOTAL HxCDD	6.07E+00		1.92E-01		5.09E-03		1.01E-02		1.01E-02		6.50E+01		1.83E+00		1.99E+01		1.36E+00		ND		ND	
	Jackrabbit	TOTAL HxCDF	6.07E+00		1.92E-01		5.09E-03		1.01E-02		1.01E-02		6.50E+01		1.83E+00		1.99E+01		1.36E+00		ND		ND	
	Jackrabbit	TOTAL PeCDD	3.03E+01		9.58E-01		2.53E-02		5.09E-02		5.09E-02		6.50E+01		1.83E+00		1.99E+01		1.36E+00		ND		ND	
	Jackrabbit	TOTAL PeCDF	3.03E+01		9.58E-01		2.53E-02		5.09E-02		5.09E-02		6.50E+01		1.83E+00		1.99E+01		1.36E+00		ND		ND	
	Jackrabbit	TOTAL TCDD	2.12E-01		6.71E-03		1.77E-04		3.54E-04		3.54E-04		2.27E-01		6.39E-03		6.95E-02		4.73E-03		ND		ND	
	Jackrabbit	TOTAL TCDF	9.13E-03		2.89E-04		7.65E-06		1.53E-05		1.53E-05		9.77E-03		2.76E-04		3.00E-03		2.04E-04		ND		ND	

^aNo toxicity data

^bItalics indicate that hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
10/11	Beetle	1234678-HpCDD	3.59E-01	1.58E-03	4.17E-05	8.32E-05	8.32E-05	3.84E-01	1.50E-03	1.63E-02	1.11E-03	ND ⁰	ND
	Beetle	1234678-HpCDF	1.37E-01	6.03E-04	1.59E-05	3.18E-05	3.18E-05	1.47E-01	5.74E-04	6.24E-03	4.25E-04	ND	ND
	Beetle	123478-HxCDD	1.13E-01	4.98E-04	1.32E-05	2.63E-05	2.63E-05	1.21E-01	4.74E-04	5.16E-03	3.51E-04	ND	ND
	Beetle	123478-HxCDF	9.39E-04	4.13E-06	1.09E-07	2.18E-07	2.18E-07	1.01E-03	3.94E-06	4.28E-05	2.91E-06	ND	ND
	Beetle	1234789-HpCDD	8.33E-04	3.66E-06	9.69E-08	1.93E-07	1.93E-07	8.91E-04	3.49E-06	3.80E-05	2.58E-06	ND	ND
	Beetle	123678-HxCDD	1.59E-01	7.00E-04	1.85E-05	3.70E-05	3.70E-05	1.70E-01	6.68E-04	7.26E-03	4.94E-04	ND	ND
	Beetle	123678-HxCDF	1.82E-03	8.01E-06	2.12E-07	4.23E-07	4.23E-07	1.93E-03	7.64E-06	8.30E-05	5.65E-06	ND	ND
	Beetle	12378-PeCDD	2.67E-01	1.17E-03	3.10E-05	6.23E-05	6.23E-05	2.86E-01	1.12E-03	1.22E-02	8.30E-04	ND	ND
	Beetle	12378-PeCDF	1.97E-02	8.65E-05	2.29E-06	4.60E-06	4.60E-06	2.11E-02	8.28E-05	9.00E-04	6.12E-05	ND	ND
	Beetle	123789-HxCDD	5.99E-04	2.63E-06	6.96E-08	1.39E-07	1.39E-07	6.41E-04	2.51E-06	2.73E-05	1.86E-06	ND	ND
	Beetle	123789-HxCDF	4.47E-04	1.97E-06	5.20E-08	1.04E-07	1.04E-07	4.79E-04	1.87E-06	2.04E-05	1.39E-06	ND	ND
	Beetle	234678-HxCDF	3.85E-01	1.69E-03	4.48E-05	8.94E-05	8.94E-05	4.12E-01	1.61E-03	1.76E-02	1.19E-03	ND	ND
	Beetle	23478-PeCDF	8.24E-01	3.63E-03	9.59E-05	1.93E-04	1.93E-04	8.83E-01	3.47E-03	3.77E-02	2.57E-03	ND	ND
	Beetle	2378-TCDD	3.41E-01	1.50E-03	3.96E-05	7.91E-05	7.91E-05	3.63E-01	1.43E-03	1.55E-02	1.06E-03	ND	ND
	Beetle	2378-TCDF	2.94E-02	1.29E-04	3.42E-06	6.83E-06	6.83E-06	4.20E-02	2.84E-04	1.34E-03	9.12E-05	ND	ND
	Beetle	OCDF	6.78E-02	2.98E-04	7.89E-06	1.57E-05	1.57E-05	7.26E-02	2.84E-04	3.09E-03	2.10E-04	ND	ND
	Beetle	TOTAL HpCDD	7.27E-03	3.20E-05	8.46E-07	1.69E-06	1.69E-06	7.78E-03	3.05E-05	3.31E-04	2.25E-05	ND	ND
	Beetle	TOTAL HpCDF	3.59E-01	1.58E-03	4.17E-05	8.32E-05	8.32E-05	3.84E+01	1.50E-01	1.63E+00	1.11E-01	ND	ND
	Beetle	TOTAL HxCDD	1.37E-01	6.03E-04	1.59E-05	3.18E-05	3.18E-05	1.47E+01	5.74E-02	6.24E-01	4.25E-02	ND	ND
	Beetle	TOTAL HxCDF	4.26E-01	1.87E-03	4.95E-05	9.88E-05	9.88E-05	4.56E+00	1.78E-02	1.94E-01	1.32E-02	ND	ND
	Beetle	TOTAL PeCDD	2.75E+00	1.21E-02	3.20E-04	6.38E-04	6.38E-04	2.94E+01	1.15E-01	1.25E+00	8.52E-02	ND	ND
	Beetle	TOTAL PeCDF	2.67E-01	1.17E-03	3.10E-05	6.23E-05	6.23E-05	5.73E-01	2.24E-03	2.44E-02	1.66E-03	ND	ND
	Beetle	TOTAL TCDD	3.89E+01	1.71E-01	4.53E-03	9.10E-03	9.10E-03	8.37E+01	3.28E-01	3.56E+00	2.42E-01	ND	ND
	Beetle	TOTAL TCDF	3.41E-01	1.50E-03	3.96E-05	7.91E-05	7.91E-05	3.63E-01	1.43E-03	1.55E-02	1.06E-03	ND	ND
	Beetle	TOTAL TCDF	2.46E+00	1.08E-02	2.87E-04	5.71E-04	5.71E-04	2.64E+00	1.03E-02	1.12E-01	7.63E-03	ND	ND
	Grasshopper	1234678-HpCDD	8.70E-03	3.83E-05	1.01E-06	2.02E-06	2.02E-06	9.31E-03	3.65E-05	3.97E-04	2.70E-05	ND	ND
	Grasshopper	1234678-HpCDF	5.46E-03	2.40E-05	6.35E-07	1.27E-06	1.27E-06	5.84E-03	2.29E-05	2.49E-04	1.69E-05	ND	ND
	Grasshopper	123478-HxCDD	7.89E-02	3.47E-04	9.19E-06	1.83E-05	1.83E-05	8.45E-02	3.31E-04	3.60E-03	2.45E-04	ND	ND
	Grasshopper	123478-HxCDF	5.76E-04	2.53E-06	6.70E-08	1.34E-07	1.34E-07	6.17E-04	2.42E-06	2.63E-05	1.79E-06	ND	ND
	Grasshopper	1234789-HpCDD	7.45E-04	3.28E-06	8.67E-08	1.73E-07	1.73E-07	7.98E-04	3.12E-06	3.40E-05	2.31E-06	ND	ND
	Grasshopper	123678-HxCDD	7.71E-02	3.39E-04	8.97E-06	1.79E-05	1.79E-05	8.26E-02	3.23E-04	3.52E-03	2.39E-04	ND	ND
	Grasshopper	123678-HxCDF	4.33E-04	1.91E-06	5.04E-08	1.00E-07	1.00E-07	4.64E-04	1.82E-06	1.97E-05	1.34E-06	ND	ND
	Grasshopper	12378-PeCDD	3.73E-01	1.64E-03	4.34E-05	8.72E-05	8.72E-05	4.00E-01	1.57E-03	1.71E-02	1.16E-03	ND	ND
	Grasshopper	12378-PeCDF	2.73E-02	1.20E-04	3.18E-06	6.38E-06	6.38E-06	2.93E-02	1.15E-04	1.25E-03	8.49E-05	ND	ND
	Grasshopper	123789-HxCDD	6.99E-04	3.07E-06	8.13E-08	1.62E-07	1.62E-07	7.48E-04	2.93E-06	3.19E-05	2.17E-06	ND	ND
	Grasshopper	123789-HxCDF	5.51E-04	2.42E-06	6.41E-08	1.28E-07	1.28E-07	5.90E-04	2.31E-06	2.51E-05	1.71E-06	ND	ND
	Grasshopper	234678-HxCDF	5.45E-02	2.40E-04	6.34E-06	1.27E-05	1.27E-05	5.84E-02	2.29E-04	2.49E-03	1.69E-04	ND	ND
	Grasshopper	23478-PeCDD	2.49E-01	1.10E-03	2.90E-05	5.82E-05	5.82E-05	2.67E-01	1.05E-03	1.14E-02	7.76E-04	ND	ND
	Grasshopper	2378-TCDD	5.02E-01	2.21E-03	5.85E-05	1.17E-04	1.17E-04	5.38E-01	2.11E-03	2.29E-02	1.56E-03	ND	ND
	Grasshopper	2378-TCDF	4.35E-02	1.91E-04	5.06E-06	1.01E-05	1.01E-05	6.20E-02	1.82E-04	1.98E-03	1.35E-04	ND	ND
	Grasshopper	OCDD	2.06E-03	9.07E-06	2.40E-07	4.78E-07	4.78E-07	2.21E-03	8.64E-06	9.40E-05	6.39E-06	ND	ND

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Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Fox	Kit	Plants	Soil Fauna
10/11 (cont.)	Grasshopper	OCDF	1.49E-03	6.55E-06	1.73E-07	3.46E-07	3.46E-07	1.59E-03	6.25E-06	6.79E-05	4.62E-06		ND	ND
	Grasshopper	TOTAL HpCDD	8.70E-03	3.83E-05	1.01E-06	2.02E-06	2.02E-06	9.31E-01	3.65E-03	3.97E-02	2.70E-03		ND	ND
	Grasshopper	TOTAL HpCDF	6.30E-03	2.77E-05	7.33E-07	1.46E-06	1.46E-06	6.74E-01	2.64E-03	2.87E-02	1.95E-03		ND	ND
	Grasshopper	TOTAL HxCDD	7.51E-02	3.30E-04	8.74E-06	1.74E-05	1.74E-05	8.04E-01	3.15E-03	3.42E-02	2.33E-03		ND	ND
	Grasshopper	TOTAL HxCDF	5.20E-02	2.29E-04	6.05E-06	1.21E-05	1.21E-05	5.56E-01	2.18E-03	2.37E-02	1.61E-03		ND	ND
	Grasshopper	TOTAL PeCDD	3.73E-01	1.64E-03	4.34E-05	8.72E-05	8.72E-05	8.02E-01	3.14E-03	3.42E-02	2.32E-03		ND	ND
	Grasshopper	TOTAL PeCDF	2.61E-01	1.15E-03	3.03E-05	6.09E-05	6.09E-05	5.60E-01	2.19E-03	2.39E-02	1.62E-03		ND	ND
	Grasshopper	TOTAL TCDD	5.02E-01	2.21E-03	5.85E-05	1.17E-04	1.17E-04	5.38E-01	2.11E-03	2.29E-02	1.56E-03		ND	ND
	Grasshopper	TOTAL TCDF	4.35E-02	1.91E-04	5.06E-06	1.01E-05	1.01E-05	4.66E-02	1.82E-04	1.98E-03	1.35E-04		ND	ND
	Grasshopper	1234678-HpCDD	3.91E-02	2.23E-03	5.91E-05	1.18E-04	1.18E-04	4.18E-02	2.13E-03	1.83E-02	1.57E-03		ND	ND
	Grasshopper	1234678-HpCDF	1.30E-02	7.46E-04	1.97E-05	3.93E-05	3.93E-05	1.40E-02	7.11E-04	6.13E-03	5.26E-04		ND	ND
	Grasshopper	123478-HxCDD	1.90E-01	1.09E-02	2.88E-04	5.74E-04	5.74E-04	2.04E-01	1.04E-02	8.94E-02	7.68E-03		ND	ND
	Grasshopper	123478-HxCDF	1.02E-03	5.81E-05	1.54E-06	3.07E-06	3.07E-06	1.09E-03	5.54E-05	4.77E-04	4.10E-05		ND	ND
	Grasshopper	1234789-HpCDD	1.78E-03	1.02E-04	2.69E-06	3.37E-06	3.37E-06	1.91E-03	9.71E-05	8.36E-04	7.18E-05		ND	ND
12/15	Grasshopper	123678-HxCDD	1.86E-01	1.06E-02	2.81E-04	5.61E-04	5.61E-04	1.99E-01	1.01E-02	8.74E-02	7.50E-03		ND	ND
	Grasshopper	123678-HxCDF	7.64E-04	4.37E-05	1.16E-06	2.31E-06	2.31E-06	8.18E-04	4.17E-05	3.59E-04	3.08E-05		ND	ND
	Grasshopper	12378-PeCDD	4.16E-01	2.38E-02	6.29E-04	1.26E-03	1.26E-03	4.46E-01	2.28E-02	1.96E-01	1.68E-02		ND	ND
	Grasshopper	12378-PeCDF	2.77E-02	1.58E-03	4.19E-05	8.41E-05	8.41E-05	2.97E-02	1.52E-03	1.31E-02	1.12E-03		ND	ND
	Grasshopper	123789-HxCDD	1.68E-03	9.63E-05	2.55E-06	5.08E-06	5.08E-06	1.80E-03	9.18E-05	7.91E-04	6.79E-05		ND	ND
	Grasshopper	123789-HxCDF	9.72E-04	5.56E-05	1.47E-06	2.93E-06	2.93E-06	1.04E-03	5.30E-05	4.56E-04	3.92E-05		ND	ND
	Grasshopper	234678-HxCDF	9.62E-02	5.50E-03	1.46E-04	2.90E-04	2.90E-04	1.03E-01	5.24E-03	4.52E-02	3.88E-03		ND	ND
	Grasshopper	23478-PeCDF	8.73E-01	4.99E-02	1.32E-03	2.65E-03	2.65E-03	9.37E-01	4.78E-02	4.12E-01	3.53E-02		ND	ND
	Grasshopper	2378-TCDD	4.64E-01	2.66E-02	7.02E-04	1.40E-03	1.40E-03	4.97E-01	2.53E-02	2.18E-01	1.87E-02		ND	ND
	Grasshopper	2378-TCDF	3.89E-02	2.23E-03	5.89E-05	1.17E-04	1.17E-04	5.55E-02	2.12E-03	1.83E-02	1.57E-03		ND	ND
	Grasshopper	OCDD	2.95E-02	1.68E-03	4.46E-05	8.89E-05	8.89E-05	3.15E-02	1.61E-03	1.38E-02	1.19E-03		ND	ND
	Grasshopper	OCDF	5.32E-03	3.04E-04	8.05E-06	1.61E-05	1.61E-05	5.70E-03	2.90E-04	2.50E-03	2.15E-04		ND	ND
	Grasshopper	TOTAL HpCDD	3.91E-02	2.23E-03	5.91E-05	1.18E-04	1.18E-04	4.18E+00	2.13E-01	1.83E+00	1.57E-01		ND	ND
	Grasshopper	TOTAL HpCDF	1.51E-02	8.61E-04	2.28E-05	4.54E-05	4.54E-05	1.61E+00	8.21E-02	7.07E-01	6.07E-02		ND	ND
1b/1c	Grasshopper	TOTAL HxCDD	1.81E-01	1.04E-02	2.74E-04	5.46E-04	5.46E-04	1.94E+00	9.87E-02	8.50E-01	7.30E-02		ND	ND
	Grasshopper	TOTAL HxCDF	9.18E-02	5.25E-03	1.39E-04	2.77E-04	2.77E-04	9.83E-01	5.00E-02	4.31E-01	3.70E-02		ND	ND
	Grasshopper	TOTAL PeCDD	4.16E-01	2.38E-02	6.29E-04	1.26E-03	1.26E-03	8.94E-01	4.55E-02	3.92E-01	3.37E-02		ND	ND
	Grasshopper	TOTAL PeCDF	2.65E-01	1.51E-02	4.00E-04	8.04E-04	8.04E-04	5.69E-01	2.89E-02	2.49E-01	2.14E-02		ND	ND
	Grasshopper	TOTAL TCDD	4.64E-01	2.66E-02	7.02E-04	1.40E-03	1.40E-03	4.97E-01	2.53E-02	2.18E-01	1.87E-02		ND	ND
	Grasshopper	TOTAL TCDF	3.89E-02	2.23E-03	5.89E-05	1.17E-04	1.17E-04	4.17E-02	2.12E-03	1.83E-02	1.57E-03		ND	ND
	Grasshopper	1234678-HpCDD	2.82E-02	5.09E-04	1.35E-05	2.69E-05	2.69E-05	3.02E-02	4.85E-04	5.28E-03	3.59E-04		ND	ND
	Grasshopper	1234678-HpCDF	9.50E-04	1.71E-05	4.53E-07	9.03E-07	9.03E-07	1.02E-03	1.63E-05	1.77E-04	1.21E-05		ND	ND
	Grasshopper	123478-HxCDD	1.51E-02	2.72E-04	7.19E-06	1.43E-05	1.43E-05	1.61E-02	2.59E-04	2.82E-03	1.92E-04		ND	ND
	Grasshopper	123478-HxCDF	1.01E-04	2.34E-06	4.83E-08	9.63E-08	9.63E-08	1.08E-04	1.74E-06	1.89E-05	1.29E-06		ND	ND
	Grasshopper	1234789-HpCDD	1.30E-04	2.34E-06	6.20E-08	1.24E-07	1.24E-07	1.39E-04	2.23E-06	2.43E-05	1.65E-06		ND	ND
	Grasshopper	123678-HxCDD	1.48E-02	2.66E-04	7.04E-06	1.40E-05	1.40E-05	1.58E-02	2.54E-04	2.76E-03	1.88E-04		ND	ND
	Grasshopper	123678-HxCDF	7.62E-05	1.37E-06	3.63E-08	7.25E-08	7.25E-08	8.15E-05	1.31E-06	1.42E-05	9.68E-07		ND	ND

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Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil
Number				Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer				Fauna
1b/1c (cont.)													
Grasshopper	12378-PeCDD	6.32E-02	1.14E-03	3.01E-05	6.05E-05	6.05E-05	6.05E-05	6.78E-02	1.09E-03	1.18E-02	8.06E-04	ND	ND
Grasshopper	12378-PeCDF	4.52E-03	8.16E-05	2.16E-06	4.33E-06	4.33E-06	4.33E-06	4.85E-03	7.80E-05	8.48E-04	5.77E-05	ND	ND
Grasshopper	12378-HxCDD	1.34E-04	2.41E-06	6.37E-08	1.27E-07	1.27E-07	1.27E-07	1.43E-04	2.30E-06	2.50E-05	1.70E-06	ND	ND
Grasshopper	12378-HxCDF	9.71E-05	1.75E-06	4.63E-08	9.23E-08	9.23E-08	9.23E-08	1.04E-04	1.67E-06	1.81E-05	1.23E-06	ND	ND
Grasshopper	234678-HxCDF	1.83E-02	3.29E-04	8.71E-06	1.74E-05	1.74E-05	1.74E-05	1.95E-02	3.14E-04	3.41E-03	2.32E-04	ND	ND
Grasshopper	23478-PeCDD	4.13E-02	7.45E-04	1.97E-05	3.96E-05	3.96E-05	3.96E-05	4.43E-02	7.13E-04	7.75E-03	5.27E-04	ND	ND
Grasshopper	2378-TCDD	9.91E-02	1.79E-03	4.73E-05	9.43E-05	9.43E-05	9.43E-05	1.06E-01	1.70E-03	1.85E-02	1.26E-03	ND	ND
Grasshopper	2378-TCDF	8.71E-03	1.57E-04	4.16E-06	8.29E-06	8.29E-06	8.29E-06	1.24E-02	1.50E-04	1.63E-03	1.11E-04	ND	ND
Grasshopper	OCDD	8.05E-03	1.45E-04	3.84E-06	7.66E-06	7.66E-06	7.66E-06	8.62E-03	1.38E-04	1.50E-03	1.02E-04	ND	ND
Grasshopper	OCDF	4.22E-04	7.62E-06	2.02E-07	4.02E-07	4.02E-07	4.02E-07	4.52E-04	7.26E-06	7.90E-05	5.37E-06	ND	ND
Grasshopper	TOTAL HpCDD	3.66E-02	6.60E-04	1.75E-05	3.48E-05	3.48E-05	3.48E-05	3.92E+00	6.29E-02	6.84E-01	4.65E-02	ND	ND
Grasshopper	TOTAL HpCDF	1.10E-03	1.98E-05	5.23E-07	1.04E-06	1.04E-06	1.04E-06	1.17E-01	1.88E-03	2.05E-02	1.39E-03	ND	ND
Grasshopper	TOTAL HxCDD	1.43E-02	2.59E-04	6.85E-06	1.37E-05	1.37E-05	1.37E-05	1.54E-01	2.47E-03	2.68E-02	1.82E-03	ND	ND
Grasshopper	TOTAL HxCDF	9.35E-03	1.69E-04	4.46E-06	8.90E-06	8.90E-06	8.90E-06	1.00E-01	1.61E-03	1.75E-02	1.19E-03	ND	ND
Grasshopper	TOTAL PeCDD	6.32E-02	1.14E-03	3.01E-05	6.05E-05	6.05E-05	6.05E-05	1.36E-01	2.18E-03	2.37E-02	1.61E-03	ND	ND
Grasshopper	TOTAL PeCDF	4.31E-02	7.78E-04	2.06E-05	4.13E-05	4.13E-05	4.13E-05	9.27E-02	1.49E-03	1.62E-02	1.10E-03	ND	ND
Grasshopper	TOTAL TCDD	9.91E-02	1.79E-03	4.73E-05	9.43E-05	9.43E-05	9.43E-05	1.06E-01	1.70E-03	1.85E-02	1.26E-03	ND	ND
Grasshopper	TOTAL TCDF	8.71E-03	1.57E-04	4.16E-06	8.29E-06	8.29E-06	8.29E-06	9.33E-03	1.50E-04	1.63E-03	1.11E-04	ND	ND
Beetle	1234678-HpCDD	1.94E-01	1.41E-04	3.73E-06	7.44E-06	7.44E-06	7.44E-06	2.08E-01	1.34E-04	1.46E-03	9.94E-05	ND	ND
Beetle	1234678-HpCDF	5.22E-03	3.79E-06	1.00E-07	2.00E-07	2.00E-07	2.00E-07	5.59E-03	3.61E-06	3.92E-05	2.67E-06	ND	ND
Beetle	123478-HxCDD	7.54E-02	5.47E-05	1.45E-06	2.89E-06	2.89E-06	2.89E-06	8.07E-02	5.21E-05	5.67E-04	3.86E-05	ND	ND
Beetle	123478-HxCDF	4.42E-04	6.90E-07	1.83E-08	3.64E-08	3.64E-08	3.64E-08	4.74E-04	3.06E-07	3.33E-06	2.26E-07	ND	ND
Beetle	123478-HpCDD	1.76E-01	1.28E-04	3.39E-06	6.75E-06	6.75E-06	6.75E-06	1.02E-03	6.58E-07	7.15E-06	4.86E-07	ND	ND
Beetle	123678-HxCDF	3.33E-04	2.42E-07	6.39E-09	1.27E-08	1.27E-08	1.27E-08	1.89E-01	1.22E-04	1.33E-03	9.02E-05	ND	ND
Beetle	12378-PeCDD	2.16E-01	1.57E-04	4.14E-06	8.32E-06	8.32E-06	8.32E-06	3.56E-04	2.30E-07	2.50E-06	1.70E-07	ND	ND
Beetle	12378-PeCDF	1.47E-02	1.07E-05	2.82E-07	5.67E-07	5.67E-07	5.67E-07	2.31E-01	1.50E-04	1.63E-03	1.11E-04	ND	ND
Beetle	123789-HxCDD	1.56E-03	1.13E-06	3.00E-08	5.98E-08	5.98E-08	5.98E-08	1.58E-02	1.02E-05	1.11E-04	7.55E-06	ND	ND
Beetle	123789-HxCDF	4.24E-04	3.08E-07	8.13E-09	1.62E-08	1.62E-08	1.62E-08	1.67E-03	1.08E-06	1.17E-05	7.99E-07	ND	ND
Beetle	234678-HxCDF	3.91E-02	2.84E-05	7.51E-07	1.50E-06	1.50E-06	1.50E-06	4.54E-04	2.93E-07	3.19E-06	2.17E-07	ND	ND
Beetle	23478-PeCDD	1.46E-01	1.06E-04	2.80E-06	5.63E-06	5.63E-06	5.63E-06	4.19E-02	2.71E-05	2.94E-04	2.00E-05	ND	ND
Beetle	2378-TCDD	3.10E-01	2.25E-04	5.95E-06	1.19E-05	1.19E-05	1.19E-05	1.57E-01	1.01E-04	1.10E-03	7.50E-05	ND	ND
Beetle	2378-TCDF	2.33E-02	1.69E-05	4.47E-07	8.91E-07	8.91E-07	8.91E-07	3.32E-02	2.14E-04	2.33E-03	1.58E-04	ND	ND
Beetle	OCDD	3.16E-03	2.29E-06	6.06E-08	1.21E-07	1.21E-07	1.21E-07	3.38E-03	2.18E-06	2.38E-05	1.62E-06	ND	ND
Beetle	OCDF	2.59E-03	1.88E-06	4.98E-08	9.92E-08	9.92E-08	9.92E-08	2.77E-03	1.79E-06	1.95E-05	1.33E-06	ND	ND
Beetle	TOTAL HpCDD	3.07E-01	2.23E-04	5.90E-06	1.18E-05	1.18E-05	1.18E-05	3.29E+01	2.13E-02	2.31E-01	1.57E-02	ND	ND
Beetle	TOTAL HpCDF	7.31E-03	5.30E-06	1.40E-07	2.80E-07	2.80E-07	2.80E-07	7.82E-01	5.05E-04	5.49E-03	3.74E-04	ND	ND
Beetle	TOTAL HxCDD	9.43E-01	6.85E-04	1.81E-05	3.61E-05	3.61E-05	3.61E-05	1.01E+01	6.52E-03	7.09E-02	4.83E-03	ND	ND
Beetle	TOTAL HxCDF	3.52E-01	2.55E-04	6.76E-06	1.35E-05	1.35E-05	1.35E-05	3.77E+00	2.43E-03	2.65E-02	1.80E-03	ND	ND
Beetle	TOTAL PeCDD	1.20E+00	8.69E-04	2.30E-05	4.62E-05	4.62E-05	4.62E-05	2.57E+00	1.66E-03	1.81E-02	1.23E-03	ND	ND
Beetle	TOTAL PeCDF	7.19E-01	5.22E-04	1.38E-05	2.77E-05	2.77E-05	2.77E-05	1.55E+00	9.99E-04	1.09E-02	7.39E-04	ND	ND

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Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU													
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
21/37 (cont.)	Beetle	TOTAL TCDD	9.12E-01	6.62E-04	1.73E-05	3.49E-05	3.49E-05	9.76E-01	6.31E-04	6.86E-03	4.66E-04	ND	ND
	Beetle	TOTAL TCDF	4.95E-02	3.60E-05	9.51E-07	1.90E-06	1.90E-06	5.30E-02	3.43E-05	3.73E-04	2.53E-05	ND	ND
	Grasshopper	1234678-HpCDD	2.05E-02	1.49E-05	3.94E-07	7.85E-07	7.85E-07	2.19E-02	1.42E-05	1.54E-04	1.05E-05	ND	ND
	Grasshopper	1234678-HpCDF	1.16E-02	8.45E-06	2.24E-07	4.46E-07	4.46E-07	1.25E-02	8.05E-06	8.76E-05	5.96E-06	ND	ND
	Grasshopper	123478-HxCDD	1.22E-01	8.85E-05	2.34E-06	4.67E-06	4.67E-06	1.31E-01	8.44E-05	9.17E-04	6.24E-05	ND	ND
	Grasshopper	123478-HxCDF	7.86E-04	5.71E-07	1.51E-08	3.01E-08	3.01E-08	8.42E-04	5.44E-07	5.91E-06	4.02E-07	ND	ND
	Grasshopper	1234789-HpCDD	1.59E-03	1.15E-06	3.03E-08	6.08E-08	6.08E-08	1.70E-03	1.10E-06	1.20E-05	8.13E-07	ND	ND
	Grasshopper	123678-HxCDD	1.19E-01	8.65E-05	2.29E-06	4.56E-06	4.56E-06	1.28E-01	8.24E-05	8.96E-04	6.09E-05	ND	ND
	Grasshopper	123678-HxCDF	5.92E-04	4.29E-07	1.14E-08	2.27E-08	2.27E-08	6.33E-04	4.09E-07	4.45E-06	3.03E-07	ND	ND
	Grasshopper	12378-PeCDD	3.94E-01	2.86E-04	7.56E-06	1.52E-05	1.52E-05	4.22E-01	2.73E-04	2.97E-03	2.02E-04	ND	ND
	Grasshopper	12378-PeCDF	2.66E-02	1.93E-05	5.12E-07	1.03E-06	1.03E-06	2.86E-02	1.85E-05	2.01E-04	1.37E-05	ND	ND
	Grasshopper	123789-HxCDD	1.08E-03	7.83E-07	2.07E-08	4.13E-08	4.13E-08	1.16E-03	7.46E-07	8.12E-06	5.52E-07	ND	ND
	Grasshopper	123789-HxCDF	7.52E-04	5.46E-07	1.44E-08	2.88E-08	2.88E-08	8.03E-04	5.20E-07	5.66E-06	3.85E-07	ND	ND
	Grasshopper	234678-HxCDF	7.45E-02	5.40E-05	1.43E-06	2.85E-06	2.85E-06	7.97E-02	5.15E-05	5.60E-04	3.81E-05	ND	ND
	Grasshopper	23478-PeCDD	2.43E-01	1.77E-04	4.67E-06	9.38E-06	9.38E-06	2.61E-01	1.69E-04	1.84E-03	1.25E-04	ND	ND
	Grasshopper	2378-TCDD	4.59E-01	3.33E-04	8.82E-06	1.76E-05	1.76E-05	4.92E-01	3.18E-04	3.45E-03	2.35E-04	ND	ND
	Grasshopper	2378-TCDF	4.09E-02	2.97E-05	7.85E-07	1.57E-06	1.57E-06	5.83E-02	2.83E-05	3.08E-04	2.09E-05	ND	ND
	Grasshopper	OCDD	5.21E-03	3.78E-06	1.00E-07	1.99E-07	1.99E-07	5.85E-03	3.60E-06	3.92E-05	2.66E-06	ND	ND
	Grasshopper	OCDF	4.71E-03	3.42E-06	9.04E-08	1.80E-07	1.80E-07	5.04E-03	3.26E-06	3.54E-05	2.41E-06	ND	ND
	Grasshopper	TOTAL HpCDD	2.05E-02	1.49E-05	3.94E-07	7.85E-07	7.85E-07	2.19E+00	1.42E-03	1.54E-02	1.05E-03	ND	ND
	Grasshopper	TOTAL HpCDF	1.34E-02	9.76E-06	2.38E-07	5.15E-07	5.15E-07	1.44E+00	9.30E-04	1.01E-02	6.88E-04	ND	ND
	Grasshopper	TOTAL HxCDD	1.16E-01	8.41E-05	2.23E-06	4.44E-06	4.44E-06	1.24E+00	8.02E-04	8.72E-03	5.93E-04	ND	ND
	Grasshopper	TOTAL HxCDF	7.10E-02	5.15E-05	1.36E-06	2.72E-06	2.72E-06	7.60E-01	4.91E-04	5.34E-03	3.63E-04	ND	ND
	Grasshopper	TOTAL PeCDD	3.94E-01	2.86E-04	7.56E-06	1.52E-05	1.52E-05	8.46E-01	5.47E-04	5.95E-03	4.04E-04	ND	ND
	Grasshopper	TOTAL PeCDF	2.54E-01	1.84E-04	4.88E-06	9.80E-06	9.80E-06	5.46E-01	3.53E-04	3.84E-03	2.61E-04	ND	ND
	Grasshopper	TOTAL TCDD	4.59E-01	3.33E-04	8.82E-06	1.76E-05	1.76E-05	4.92E-01	3.18E-04	3.45E-03	2.35E-04	ND	ND
Grasshopper	TOTAL TCDF	4.09E-02	2.97E-05	7.85E-07	1.57E-06	1.57E-06	4.38E-02	2.83E-05	3.08E-04	2.09E-05	ND	ND	
42/45	Beetle	1234678-HpCDD	8.17E-02	2.95E-03	7.79E-05	1.55E-04	1.55E-04	8.74E-02	2.81E-03	3.05E-02	2.08E-03	ND	ND
	Beetle	1234678-HpCDF	1.77E-03	6.40E-05	1.69E-06	3.38E-06	3.38E-06	1.90E-03	6.10E-05	6.63E-04	4.51E-05	ND	ND
	Beetle	123478-HxCDD	1.64E-02	5.91E-04	1.56E-05	3.12E-05	3.12E-05	1.75E-02	5.63E-04	6.12E-03	4.17E-04	ND	ND
	Beetle	123478-HxCDF	5.74E-05	2.07E-06	5.48E-08	1.09E-07	1.09E-07	6.14E-05	1.97E-06	2.15E-05	1.46E-06	ND	ND
	Beetle	1234789-HpCDD	2.42E-04	8.73E-06	2.31E-07	4.61E-07	4.61E-07	2.59E-04	8.32E-06	9.05E-05	6.16E-06	ND	ND
	Beetle	123678-HxCDD	1.10E-01	3.95E-03	1.05E-04	2.08E-04	2.08E-04	1.17E-01	3.77E-03	4.09E-02	2.78E-03	ND	ND
	Beetle	123678-HxCDF	2.61E-05	9.41E-07	2.49E-08	4.96E-08	4.96E-08	2.79E-05	8.97E-07	9.75E-06	6.63E-07	ND	ND
	Beetle	12378-PeCDD	1.25E-01	4.50E-03	1.19E-04	2.39E-04	2.39E-04	1.34E-01	4.31E-03	4.68E-02	3.18E-03	ND	ND
	Beetle	12378-PeCDF	4.34E-03	1.57E-04	4.14E-06	8.31E-06	8.31E-06	4.66E-03	1.50E-04	1.63E-03	1.11E-04	ND	ND
	Beetle	123789-HxCDD	1.45E-04	5.23E-06	1.38E-07	2.76E-07	2.76E-07	1.55E-04	4.99E-06	5.42E-05	3.69E-06	ND	ND
	Beetle	123789-HxCDF	1.09E-04	3.93E-06	1.04E-07	2.07E-07	2.07E-07	1.17E-04	3.75E-06	4.08E-05	2.77E-06	ND	ND
	Beetle	234678-HxCDF	1.93E-02	6.96E-04	1.84E-05	3.67E-05	3.67E-05	2.07E-02	6.64E-04	7.22E-03	4.91E-04	ND	ND
	Beetle	23478-PeCDD	7.02E-02	2.53E-03	6.70E-05	1.34E-04	1.34E-04	7.53E-02	2.42E-03	2.63E-02	1.79E-03	ND	ND
	Beetle	2378-TCDD	1.51E-01	5.46E-03	1.44E-04	2.88E-04	2.88E-04	1.62E-01	5.20E-03	5.66E-02	3.85E-03	ND	ND

42/45

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
42/45 (cont.)	Beetle	2378-TCDF	6.89E-03	2.48E-04	6.57E-06	1.31E-05	1.31E-05	9.82E-03	2.37E-04	2.57E-03	1.75E-04	ND	ND
	Beetle	OCDD	5.57E-04	2.01E-05	5.32E-07	1.06E-06	1.06E-06	5.97E-04	1.92E-05	2.08E-04	1.42E-05	ND	ND
	Beetle	OCDF	6.78E-04	2.45E-05	6.47E-07	1.29E-06	1.29E-06	7.26E-04	2.33E-05	2.54E-04	1.72E-05	ND	ND
	Beetle	TOTAL HpCDD	2.69E-03	9.69E-05	2.56E-06	5.11E-06	5.11E-06	2.88E-01	9.24E-03	1.00E-01	6.83E-03	ND	ND
	Beetle	TOTAL HpCDF	2.05E-03	7.38E-05	1.95E-06	3.89E-06	3.89E-06	2.19E-01	7.03E-03	7.65E-02	5.20E-03	ND	ND
	Beetle	TOTAL HxCDD	1.56E-02	5.63E-04	1.49E-05	2.97E-05	2.97E-05	1.67E-01	5.36E-03	5.83E-02	3.97E-03	ND	ND
	Beetle	TOTAL HxCDF	1.03E-02	3.71E-04	9.81E-06	1.96E-05	1.96E-05	1.10E-01	3.53E-03	3.84E-02	2.61E-03	ND	ND
	Beetle	TOTAL PeCDD	1.52E-01	5.49E-03	1.45E-04	2.92E-04	2.92E-04	3.27E-01	1.05E-02	1.14E-01	7.77E-03	ND	ND
	Beetle	TOTAL PeCDF	4.42E-01	1.59E-02	4.22E-04	8.46E-04	8.46E-04	9.50E-01	3.05E-02	3.32E-01	2.26E-02	ND	ND
	Beetle	TOTAL TCDD	2.71E-01	9.79E-03	2.59E-04	5.16E-04	5.16E-04	2.90E-01	9.33E-03	1.01E-01	6.90E-03	ND	ND
	Beetle	TOTAL TCDF	2.50E-02	9.03E-04	2.39E-05	4.77E-05	4.77E-05	2.68E-02	8.61E-04	9.36E-03	6.37E-04	ND	ND
	Grasshopper	1234678-HpCDD	2.71E-03	9.79E-05	2.59E-06	5.16E-06	5.16E-06	2.90E-03	9.33E-05	1.01E-03	6.90E-05	ND	ND
	Grasshopper	1234678-HpCDF	1.18E-03	4.27E-05	1.13E-06	2.25E-06	2.25E-06	1.27E-03	4.07E-05	4.43E-04	3.01E-05	ND	ND
	Grasshopper	123478-HxCDD	1.34E-02	4.84E-04	1.28E-05	2.55E-05	2.55E-05	1.44E-02	4.61E-04	5.01E-03	3.41E-04	ND	ND
	Grasshopper	123478-HxCDF	9.71E-05	3.50E-06	9.26E-08	1.85E-07	1.85E-07	1.04E-04	3.34E-06	3.63E-05	2.47E-06	ND	ND
	Grasshopper	1234789-HpCDD	1.61E-04	5.82E-06	1.54E-07	3.07E-07	3.07E-07	1.73E-04	5.54E-06	6.03E-05	4.10E-06	ND	ND
	Grasshopper	123678-HxCDD	1.31E-02	4.74E-04	1.23E-05	2.50E-05	2.50E-05	1.41E-02	4.52E-04	4.92E-03	3.34E-04	ND	ND
	Grasshopper	123678-HxCDF	7.31E-05	2.63E-06	6.97E-08	1.39E-07	1.39E-07	7.82E-05	2.51E-06	2.56E-02	1.74E-03	ND	ND
	Grasshopper	12378-PeCDD	6.81E-02	2.46E-03	6.50E-05	1.30E-04	1.30E-04	4.74E-03	1.52E-04	1.66E-03	1.13E-04	ND	ND
	Grasshopper	123789-PeCDF	4.42E-03	1.59E-04	4.22E-06	8.46E-06	8.46E-06	1.27E-04	4.09E-06	4.45E-05	3.02E-06	ND	ND
	Grasshopper	123789-HxCDD	1.19E-04	4.29E-06	1.14E-07	2.26E-07	2.26E-07	1.27E-04	4.09E-06	4.45E-05	3.02E-06	ND	ND
	Grasshopper	123789-HxCDF	9.29E-05	3.35E-06	8.86E-08	1.77E-07	1.77E-07	9.94E-05	3.19E-06	3.47E-05	2.36E-06	ND	ND
	Grasshopper	234678-HxCDF	1.41E-02	5.08E-04	1.34E-05	2.68E-05	2.68E-05	1.51E-02	4.84E-04	5.27E-03	3.58E-04	ND	ND
	Grasshopper	23478-PeCDF	4.05E-02	1.46E-03	3.87E-05	7.77E-05	7.77E-05	4.35E-02	1.40E-03	1.52E-02	1.03E-03	ND	ND
	Grasshopper	2378-TCDD	8.35E-02	3.01E-03	7.97E-05	1.59E-04	1.59E-04	8.94E-02	2.87E-03	3.12E-02	2.12E-03	ND	ND
	Grasshopper	2378-TCDF	7.31E-03	2.63E-04	6.97E-06	1.39E-05	1.39E-05	1.04E-02	2.51E-04	2.73E-03	1.86E-04	ND	ND
	Grasshopper	OCDD	1.15E-03	4.14E-05	1.10E-06	2.18E-06	2.18E-06	1.23E-03	3.95E-05	4.29E-04	2.92E-05	ND	ND
	Grasshopper	OCDF	3.50E-04	1.26E-05	3.34E-07	6.65E-07	6.65E-07	3.74E-04	1.20E-05	1.31E-04	8.89E-06	ND	ND
	Grasshopper	TOTAL HpCDD	7.45E-03	2.69E-04	7.11E-06	1.42E-05	1.42E-05	7.97E-01	2.56E-02	2.78E-01	1.89E-02	ND	ND
	Grasshopper	TOTAL HpCDF	1.37E-03	4.93E-05	1.30E-06	2.60E-06	2.60E-06	1.46E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND
	Grasshopper	TOTAL HxCDD	1.28E-02	4.61E-04	1.22E-05	2.43E-05	2.43E-05	1.37E-01	4.39E-03	4.78E-02	3.25E-03	ND	ND
	Grasshopper	TOTAL HxCDF	3.10E-02	1.12E-03	2.96E-05	5.90E-05	5.90E-05	3.32E-01	1.07E-02	1.16E-01	7.89E-03	ND	ND
	Grasshopper	TOTAL PeCDD	6.81E-02	2.46E-03	6.50E-05	1.30E-04	1.30E-04	1.46E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND
	Grasshopper	TOTAL PeCDF	4.24E-02	1.53E-03	4.04E-05	8.12E-05	8.12E-05	1.46E-01	2.92E-03	3.18E-02	2.16E-03	ND	ND
	Grasshopper	TOTAL TCDD	8.35E-02	3.01E-03	7.97E-05	1.59E-04	1.59E-04	9.10E-02	2.87E-03	3.12E-02	2.12E-03	ND	ND
	Grasshopper	TOTAL TCDF	7.31E-03	2.63E-04	6.97E-06	1.39E-05	1.39E-05	7.82E-03	2.51E-04	2.73E-03	1.86E-04	ND	ND
	Beetle	1234678-HpCDD	3.18E-03	6.65E-04	2.37E-04	4.73E-04	4.73E-04	3.41E-03	5.34E-04	1.49E-03	4.82E-03	ND	ND
RSA	Beetle	1234678-HpCDF	2.06E-03	4.30E-04	1.53E-04	3.05E-04	3.05E-04	2.20E-03	3.45E-04	9.65E-04	3.11E-03	ND	ND
	Beetle	123478-HxCDD	2.77E-02	5.78E-03	2.06E-03	4.11E-03	4.11E-03	2.96E-02	4.64E-03	1.30E-02	4.19E-02	ND	ND
	Beetle	123478-HxCDF	1.71E-04	3.58E-05	1.27E-05	2.54E-05	2.54E-05	1.83E-04	2.87E-05	8.04E-05	2.59E-04	ND	ND
	Beetle	1234789-HpCDF	2.81E-04	5.87E-05	2.09E-05	4.17E-05	4.17E-05	3.01E-04	4.71E-05	1.32E-04	4.25E-04	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates) (continued)

SWMU													
Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
RSA (cont.)	Beetle	123678-HxCDD	2.70E-02	5.65E-03	2.01E-03	4.01E-03	4.01E-03	2.89E-02	4.53E-03	1.27E-02	4.09E-02	ND	ND
	Beetle	123678-HxCDF	1.29E-04	2.69E-05	9.60E-06	1.91E-05	1.91E-05	1.38E-04	2.16E-05	6.05E-05	1.95E-04	ND	ND
	Beetle	12378-PeCDD	2.52E-01	5.27E-02	1.88E-02	3.77E-02	3.77E-02	2.71E-01	4.25E-02	1.19E-01	3.84E-01	ND	ND
	Beetle	12378-PeCDF	1.68E-02	3.51E-03	1.25E-03	2.51E-03	2.51E-03	1.80E-02	2.83E-03	7.91E-03	2.55E-02	ND	ND
	Beetle	123789-HxCDD	2.45E-04	5.11E-05	1.82E-05	3.63E-05	3.63E-05	2.62E-04	4.10E-05	1.15E-04	3.71E-04	ND	ND
	Beetle	123789-HxCDF	1.64E-04	3.42E-05	1.22E-05	2.43E-05	2.43E-05	1.75E-04	2.75E-05	7.69E-05	2.48E-04	ND	ND
	Beetle	234678-HxCDF	8.35E-03	1.74E-03	6.22E-04	1.24E-03	1.24E-03	8.94E-03	1.40E-03	3.92E-03	1.26E-02	ND	ND
	Beetle	23478-PeCDF	1.53E-01	3.20E-02	1.14E-02	2.29E-02	2.29E-02	1.63E-01	2.58E-02	7.23E-02	2.33E-01	ND	ND
	Beetle	2378-TCDD	4.44E-01	9.28E-02	3.31E-02	6.59E-02	6.59E-02	4.73E-01	7.45E-02	2.08E-01	6.72E-01	ND	ND
	Beetle	2378-TCDF	3.44E-02	7.18E-03	2.56E-03	5.11E-03	5.11E-03	4.90E-02	5.77E-03	1.61E-02	5.21E-02	ND	ND
	Beetle	OCDD	9.55E-04	2.00E-04	7.11E-05	1.42E-04	1.42E-04	1.02E-03	1.60E-04	4.49E-04	1.45E-03	ND	ND
	Beetle	OCDF	7.84E-04	1.64E-04	5.84E-05	1.16E-04	1.16E-04	8.40E-04	1.32E-04	3.68E-04	1.19E-03	ND	ND
	Beetle	TOTAL HpCDD	3.18E-03	6.65E-04	2.37E-04	4.73E-04	4.73E-04	3.41E-01	5.34E-02	1.49E-01	4.82E-01	ND	ND
	Beetle	TOTAL HpCDF	2.37E-03	4.96E-04	1.77E-04	3.53E-04	3.53E-04	2.54E-01	3.98E-02	1.11E-01	3.59E-01	ND	ND
	Beetle	TOTAL HxCDF	2.63E-02	5.49E-03	1.96E-03	3.91E-03	3.91E-03	2.82E-01	4.41E-02	1.23E-01	3.98E-01	ND	ND
	Beetle	TOTAL HxCDD	8.35E-03	1.74E-03	6.22E-04	1.24E-03	1.24E-03	8.94E-02	1.40E-02	3.92E-02	1.26E-01	ND	ND
	Beetle	TOTAL PeCDD	2.52E-01	5.27E-02	1.88E-02	3.77E-02	3.77E-02	5.42E-01	8.50E-02	2.38E-01	7.67E-01	ND	ND
	Beetle	TOTAL PeCDF	1.60E-01	3.35E-02	1.19E-02	2.40E-02	2.40E-02	3.45E-01	5.40E-02	1.51E-01	4.87E-01	ND	ND
	Beetle	TOTAL TCDD	5.22E-01	1.09E-01	3.89E-00	7.75E-00	7.75E-00	5.59E-01	8.76E-00	2.45E-01	7.91E-01	ND	ND
	Beetle	TOTAL TCDF	3.44E-02	7.18E-03	2.56E-03	5.11E-03	5.11E-03	3.68E-02	5.77E-03	1.61E-02	5.21E-02	ND	ND
	Grasshopper	1234678-HpCDD	8.02E-03	1.68E-03	5.97E-04	1.19E-03	1.19E-03	8.59E-03	1.34E-03	3.77E-03	1.21E-02	ND	ND
	Grasshopper	1234678-HpCDF	4.41E-03	9.21E-04	3.28E-04	6.55E-04	6.55E-04	4.72E-03	7.39E-04	2.07E-03	6.68E-03	ND	ND
	Grasshopper	123478-HxCDD	6.39E-02	1.33E-02	4.76E-03	9.48E-03	9.48E-03	6.84E-02	1.07E-02	3.00E-02	9.67E-02	ND	ND
	Grasshopper	123478-HxCDF	3.64E-04	7.61E-05	2.71E-05	5.41E-05	5.41E-05	3.90E-04	6.11E-05	1.71E-04	5.51E-04	ND	ND
	Grasshopper	1234789-HpCDF	6.02E-04	1.26E-04	4.48E-05	8.93E-05	8.93E-05	6.44E-04	1.01E-04	2.82E-04	9.11E-04	ND	ND
	Grasshopper	123678-HxCDD	6.24E-02	1.30E-02	4.65E-03	9.27E-03	9.27E-03	6.68E-02	1.05E-02	2.93E-02	9.45E-02	ND	ND
	Grasshopper	123678-HxCDF	2.74E-04	5.72E-05	2.04E-05	4.07E-05	4.07E-05	2.93E-04	4.59E-05	1.29E-04	4.15E-04	ND	ND
	Grasshopper	12378-PeCDD	4.53E-01	9.47E-02	3.38E-02	6.78E-02	6.78E-02	4.86E-01	7.63E-02	2.14E-01	6.89E-01	ND	ND
	Grasshopper	12378-PeCDF	2.39E-02	5.00E-03	1.78E-03	3.58E-03	3.58E-03	2.57E-02	4.03E-03	1.13E-02	3.64E-02	ND	ND
	Grasshopper	123789-HxCDD	5.65E-04	1.18E-04	4.21E-05	8.39E-05	8.39E-05	6.05E-04	9.48E-05	2.65E-04	8.56E-04	ND	ND
	Grasshopper	123789-HxCDF	3.48E-04	7.27E-05	2.59E-05	5.17E-05	5.17E-05	3.73E-04	5.84E-05	1.63E-04	5.27E-04	ND	ND
	Grasshopper	234678-HxCDF	3.45E-02	7.21E-03	2.57E-03	5.12E-03	5.12E-03	3.69E-02	5.78E-03	1.62E-02	5.22E-02	ND	ND
	Grasshopper	23478-PeCDF	2.19E-01	4.57E-02	1.63E-02	3.27E-02	3.27E-02	2.35E-01	3.68E-02	1.03E-01	3.32E-01	ND	ND
	Grasshopper	2378-TCDD	5.35E-01	1.12E-01	3.98E-02	7.94E-02	7.94E-02	5.73E-01	8.97E-02	2.51E-01	8.10E-01	ND	ND
	Grasshopper	2378-TCDF	4.25E-02	8.89E-03	3.17E-03	6.31E-03	6.31E-03	6.06E-02	7.13E-03	2.00E-02	6.44E-02	ND	ND
	Grasshopper	OCDD	1.93E-03	4.03E-04	1.44E-04	2.87E-04	2.87E-04	2.07E-03	3.24E-04	9.06E-04	2.92E-03	ND	ND
	Grasshopper	OCDF	1.58E-03	3.31E-04	1.18E-04	2.35E-04	2.35E-04	1.70E-03	2.66E-04	7.44E-04	2.40E-03	ND	ND
	Grasshopper	TOTAL HpCDD	8.02E-03	1.68E-03	5.97E-04	1.19E-03	1.19E-03	8.59E-01	1.34E-01	3.77E-01	1.21E+00	ND	ND
	Grasshopper	TOTAL HpCDF	5.09E-03	1.06E-03	3.79E-04	7.55E-04	7.55E-04	5.45E-01	8.53E-02	2.39E-01	7.70E-01	ND	ND
	Grasshopper	TOTAL HxCDD	6.07E-02	1.27E-02	4.52E-03	9.02E-03	9.02E-03	6.50E-01	1.02E-01	2.85E-01	9.20E-01	ND	ND
	Grasshopper	TOTAL HxCDF	3.36E-02	7.01E-03	2.50E-03	4.98E-03	4.98E-03	3.59E-01	5.63E-02	1.58E-01	5.08E-01	ND	ND

Final Hazard Quotients - Dioxins/Furans in Biota (Invertebrates)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Grasshopper	TOTAL PeCDD	4.53E-01	9.47E-02	3.38E-02	6.78E-02	6.78E-02	9.74E-01	1.53E-01	4.27E-01	1.38E+00	ND	ND
	Grasshopper	TOTAL PeCDF	2.29E-01	4.78E-02	1.70E-02	3.42E-02	3.42E-02	4.92E-01	7.70E-02	2.16E-01	6.95E-01	ND	ND
	Grasshopper	TOTAL TCDD	3.95E-01	8.25E-02	2.94E-02	5.87E-02	5.87E-02	4.23E-01	6.62E-02	1.85E-01	5.98E-01	ND	ND
	Grasshopper	TOTAL TCDF	4.25E-02	8.89E-03	3.17E-03	6.31E-03	6.31E-03	4.55E-02	7.13E-03	2.00E-02	6.44E-02	ND	ND

*No toxicity data

Summary Statistics for the PAHs in Biota

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm- ug/kg	Cterm- mg/kg
10	Gumweed	BENZO(A)ANTHRACENE	0	2	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	0	4.03E-01	4.03E-01	4.03E-01	0.00E+00	0.00E+00	4.03E-01	4.03E-04
	Gumweed	CHRYSENE	1	2	50	3.45E-01	6.90E-01	5.18E-01	2.44E-01	1.61E+00	6.90E-01	6.90E-04
	Gumweed	FLUORANTHENE	0	2	0	1.80E+00	1.80E+00	1.80E+00	4.47E-03	1.82E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	2	2	100	9.70E+00	1.20E+01	1.09E+01	1.63E+00	1.81E+01	1.20E+01	1.20E-02
	Gumweed	PYRENE	0	2	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	0	4.03E-01	4.03E-01	4.03E-01	0.00E+00	0.00E+00	4.03E-01	4.03E-04
	Rabbitbrush	CHRYSENE	0	2	0	4.15E-01	4.15E-01	4.15E-01	0.00E+00	0.00E+00	4.15E-01	4.15E-04
	Rabbitbrush	FLUORANTHENE	2	2	100	2.40E+00	2.50E+00	2.45E+00	7.07E-02	2.77E+00	2.50E+00	2.50E-03
11	Rabbitbrush	PHENANTHRENE	2	2	100	8.30E+00	9.80E+00	9.03E+00	1.06E+00	1.38E+01	9.80E+00	9.80E-03
	Rabbitbrush	PYRENE	2	2	100	7.60E-01	8.20E-01	7.90E-01	4.24E-02	9.79E-01	8.20E-01	8.20E-04
	Gumweed	BENZO(A)ANTHRACENE	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	1	0	4.03E-01	4.03E-01	4.03E-01	0.00E+00	0.00E+00	4.03E-01	4.03E-04
	Gumweed	CHRYSENE	0	1	0	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	FLUORANTHENE	0	1	0	1.80E+00	1.80E+00	1.80E+00	0.00E+00	0.00E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	1	1	100	1.50E+01	1.50E+01	1.50E+01	0.00E+00	0.00E+00	1.50E+01	1.50E-02
	Gumweed	PYRENE	0	1	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	1	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	1	0	4.03E-01	4.03E-01	4.03E-01	0.00E+00	0.00E+00	4.03E-01	4.03E-04
12	Rabbitbrush	CHRYSENE	1	1	100	7.70E+00	7.70E+00	7.70E+00	0.00E+00	0.00E+00	7.70E+00	7.70E-03
	Rabbitbrush	FLUORANTHENE	0	1	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01	6.50E-04
	Rabbitbrush	PHENANTHRENE	1	1	100	1.60E+01	1.60E+01	1.60E+01	0.00E+00	0.00E+00	1.60E+01	1.60E-02
	Rabbitbrush	PYRENE	0	1	0	1.55E-01	1.55E-01	1.55E-01	0.00E+00	0.00E+00	1.55E-01	1.55E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	1	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	1	0	4.03E-01	4.03E-01	4.03E-01	0.00E+00	0.00E+00	4.03E-01	4.03E-04
	Rabbitbrush	CHRYSENE	0	1	0	4.15E-01	4.15E-01	4.15E-01	0.00E+00	0.00E+00	4.15E-01	4.15E-04
	Rabbitbrush	FLUORANTHENE	1	1	100	2.60E+00	2.60E+00	2.60E+00	0.00E+00	0.00E+00	2.60E+00	2.60E-03
	Rabbitbrush	PHENANTHRENE	1	1	100	2.00E+01	2.00E+01	2.00E+01	0.00E+00	0.00E+00	2.00E+01	2.00E-02
	Rabbitbrush	PYRENE	0	1	0	8.90E-01	8.90E-01	8.90E-01	0.00E+00	0.00E+00	8.90E-01	8.90E-04
15	Sweetclover	BENZO(A)ANTHRACENE	0	1	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BENZO(K)FLUORANTHENE	0	1	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CHRYSENE	0	1	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
	Sweetclover	FLUORANTHENE	1	1	100	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00	1.00E-03
	Sweetclover	PHENANTHRENE	1	1	100	3.20E+00	3.20E+00	3.20E+00	0.00E+00	0.00E+00	3.20E+00	3.20E-03
	Sweetclover	PYRENE	1	1	100	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
	Gumweed	BENZO(A)ANTHRACENE	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	1	0	4.03E-01	4.03E-01	4.03E-01	0.00E+00	0.00E+00	4.03E-01	4.03E-04
	Gumweed	CHRYSENE	1	1	100	9.50E-01	9.50E-01	9.50E-01	0.00E+00	0.00E+00	9.50E-01	9.50E-04
	Gumweed	FLUORANTHENE	1	1	100	3.90E+00	3.90E+00	3.90E+00	0.00E+00	0.00E+00	3.90E+00	3.90E-03
	Gumweed	PHENANTHRENE	1	1	100	1.30E+01	1.30E+01	1.30E+01	0.00E+00	0.00E+00	1.30E+01	1.30E-02
	Gumweed	PYRENE	1	1	100	2.40E+00	2.40E+00	2.40E+00	0.00E+00	0.00E+00	2.40E+00	2.40E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	2	3	67	1.80E-01	9.30E-01	5.97E-01	3.82E-01	1.24E+00	9.30E-01	9.30E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU		Number of Defects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
RSA	Matrix	Analyte									
15 (cont.)	Rabbitbrush	BENZO(K)FLUORANTHENE	0	3	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	3	3	1.60E+00	4.30E+00	3.00E+00	1.35E+00	5.28E+00	4.30E+00	4.30E-03
	Rabbitbrush	FLUORANTHENE	3	3	3.70E+00	2.00E+01	1.26E+01	8.24E+00	2.65E+01	2.00E+01	2.00E-02
	Rabbitbrush	PHENANTHRENE	3	3	1.80E+01	7.60E+01	5.27E+01	3.06E+01	1.04E+02	7.60E+01	7.60E-02
	Rabbitbrush	PYRENE	3	3	1.80E+00	1.30E+01	7.40E+00	5.60E+00	1.68E+01	1.30E+01	1.30E-02
	Sweetclover	BENZO(A)ANTHRACENE	1	2	2.50E-01	1.20E+01	6.13E+00	8.31E+00	4.32E+01	1.20E+01	1.20E-02
	Sweetclover	BENZO(K)FLUORANTHENE	2	2	5.00E-01	8.30E+00	4.40E+00	5.52E+00	2.90E+01	8.30E+00	8.30E-03
	Sweetclover	CHRYSENE	2	2	2.20E+00	3.00E+01	1.61E+01	9.90E+00	5.22E+01	1.50E+01	1.50E-02
	Sweetclover	FLUORANTHENE	2	2	4.70E+00	1.50E+01	9.85E+00	7.28E+00	1.04E+02	3.00E+01	3.00E-02
	Sweetclover	PHENANTHRENE	2	2	1.80E+00	3.40E+01	1.79E+01	2.28E+01	1.20E+02	3.40E+01	3.40E-02
	Sweetclover	PYRENE	2	2	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(A)ANTHRACENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	CHRYSENE	0	2	1.80E+00	1.80E+00	1.80E+00	4.47E-03	1.82E+00	1.80E+00	1.80E-03
	Gumweed	FLUORANTHENE	0	2	1.70E+00	1.70E+00	1.70E+00	4.47E-03	1.72E+00	1.70E+00	1.70E-03
1B	Gumweed	PYRENE	0	2	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	2	4.15E-01	9.50E-01	6.83E-01	3.78E-01	2.37E+00	9.50E-01	9.50E-04
	Rabbitbrush	FLUORANTHENE	1	2	6.50E-01	1.70E+00	1.18E+00	7.42E-01	4.49E+00	1.70E+00	1.70E-03
	Rabbitbrush	PHENANTHRENE	0	2	1.85E+00	1.85E+00	1.85E+00	4.47E-03	1.87E+00	1.85E+00	1.85E-03
	Rabbitbrush	PYRENE	1	2	1.55E-01	4.40E-01	2.98E-01	2.02E-01	1.20E+00	4.40E-01	4.40E-04
	Gumweed	BENZO(A)ANTHRACENE	0	2	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	0	2	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	FLUORANTHENE	0	2	1.80E+00	1.80E+00	1.80E+00	4.47E-03	1.82E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	1	2	1.70E+00	5.80E+00	3.75E+00	2.90E+00	1.67E+01	5.80E+00	5.80E-03
	Gumweed	PYRENE	0	2	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
1C	Rabbitbrush	CHRYSENE	1	2	4.15E-01	1.10E+00	7.58E-01	4.84E-01	2.92E+00	1.10E+00	1.10E-03
	Rabbitbrush	FLUORANTHENE	2	2	1.40E+00	2.00E+00	1.70E+00	4.24E-01	3.59E+00	2.00E+00	2.00E-03
	Rabbitbrush	PHENANTHRENE	2	2	5.20E+00	7.20E+00	6.20E+00	1.41E+00	1.25E+01	7.20E+00	7.20E-03
	Rabbitbrush	PYRENE	1	2	1.55E-01	3.20E+00	1.68E+00	2.15E+00	1.13E+01	3.20E+00	3.20E-03
	Gumweed	BENZO(A)ANTHRACENE	0	2	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	2	3.45E-01	9.80E-01	6.63E-01	4.49E-01	2.67E+00	9.80E-01	9.80E-04
	Gumweed	FLUORANTHENE	1	2	1.80E+00	4.60E+00	3.20E+00	1.98E+00	1.20E+01	4.60E+00	4.60E-03
	Gumweed	PHENANTHRENE	2	2	1.40E+01	2.10E+01	1.75E+01	4.95E+00	3.96E+01	2.10E+01	2.10E-02
	Gumweed	PYRENE	1	2	9.00E-01	2.30E+00	1.60E+00	9.90E-01	6.02E+00	2.30E+00	2.30E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	FLUORANTHENE	0	2	1.80E+00	1.80E+00	1.80E+00	4.47E-03	1.82E+00	1.80E+00	1.80E-03
	Rabbitbrush	PHENANTHRENE	1	2	1.70E+00	5.80E+00	3.75E+00	2.90E+00	1.67E+01	5.80E+00	5.80E-03
21	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	2	4.15E-01	1.10E+00	7.58E-01	4.84E-01	2.92E+00	1.10E+00	1.10E-03
	Rabbitbrush	FLUORANTHENE	2	2	1.40E+00	2.00E+00	1.70E+00	4.24E-01	3.59E+00	2.00E+00	2.00E-03
	Rabbitbrush	PHENANTHRENE	2	2	5.20E+00	7.20E+00	6.20E+00	1.41E+00	1.25E+01	7.20E+00	7.20E-03
	Rabbitbrush	PYRENE	1	2	1.55E-01	3.20E+00	1.68E+00	2.15E+00	1.13E+01	3.20E+00	3.20E-03
	Gumweed	BENZO(A)ANTHRACENE	0	2	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	2	3.45E-01	9.80E-01	6.63E-01	4.49E-01	2.67E+00	9.80E-01	9.80E-04
	Gumweed	FLUORANTHENE	1	2	1.80E+00	4.60E+00	3.20E+00	1.98E+00	1.20E+01	4.60E+00	4.60E-03
	Gumweed	PHENANTHRENE	2	2	1.40E+01	2.10E+01	1.75E+01	4.95E+00	3.96E+01	2.10E+01	2.10E-02
	Gumweed	PYRENE	1	2	9.00E-01	2.30E+00	1.60E+00	9.90E-01	6.02E+00	2.30E+00	2.30E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	0	2	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	0	2	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	FLUORANTHENE	0	2	1.80E+00	1.80E+00	1.80E+00	4.47E-03	1.82E+00	1.80E+00	1.80E-03

Summary Statistics for the PAHs in Biota (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm- ug/kg	Cterm- mg/kg
21 (cont.)	Rabbitbrush	CHRYSENE	1	2	50	4.15E-01	9.60E-01	6.88E-01	3.85E-01	2.41E+00	9.60E+00	9.60E-04
	Rabbitbrush	FLUORANTHENE	2	2	100	3.90E+00	4.00E+00	3.95E+00	7.07E-02	4.27E+00	4.00E+00	4.00E-03
	Rabbitbrush	PHENANTHRENE	2	2	100	2.20E+01	2.60E+01	2.40E+01	2.83E+00	3.66E+01	2.60E+01	2.60E-02
	Rabbitbrush	PYRENE	2	2	100	1.20E+00	1.20E+00	1.20E+00	0.00E+00	0.00E+00	1.20E+00	1.20E-03
37	Ambrosia	BENZO(A)ANTHRACENE	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Ambrosia	BENZO(K)FLUORANTHENE	1	1	100	5.70E+00	5.70E+00	5.70E+00	0.00E+00	0.00E+00	5.70E+00	5.70E-03
	Ambrosia	CHRYSENE	1	1	100	8.40E+00	8.40E+00	8.40E+00	0.00E+00	0.00E+00	8.40E+00	8.40E-03
	Ambrosia	FLUORANTHENE	1	1	100	2.10E+01	2.10E+01	2.10E+01	0.00E+00	0.00E+00	2.10E+01	2.10E-02
	Ambrosia	PHENANTHRENE	1	1	100	1.80E+01	1.80E+01	1.80E+01	0.00E+00	0.00E+00	1.80E+01	1.80E-02
	Ambrosia	PYRENE	1	1	100	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Ambrosia	BENZO(A)ANTHRACENE	2	2	100	2.30E+00	4.90E+00	3.60E+00	1.84E+00	1.18E+01	4.90E+00	4.90E-03
	Ambrosia	BENZO(K)FLUORANTHENE	2	2	100	3.40E+00	6.30E+00	4.85E+00	2.05E+00	1.40E+01	6.30E+00	6.30E-03
	Ambrosia	CHRYSENE	2	2	100	7.40E+00	1.50E+01	1.12E+01	5.37E+00	3.52E+01	1.50E+01	1.50E-02
	Ambrosia	FLUORANTHENE	2	2	100	2.10E+01	3.80E+01	2.95E+01	1.20E+01	8.32E+01	3.80E+01	3.80E-02
	Ambrosia	PHENANTHRENE	2	2	100	3.80E+01	7.20E+01	5.50E+01	2.40E+01	1.62E+02	7.20E+01	7.20E-02
	Ambrosia	PYRENE	2	2	100	1.40E+01	2.90E+01	2.15E+01	1.06E+01	6.89E+01	2.90E+01	2.90E-02
	Sweetclover	BENZO(A)ANTHRACENE	2	2	100	1.50E+00	2.30E+00	1.90E+00	5.66E+01	4.43E+00	2.30E+00	2.30E-03
	Sweetclover	BENZO(K)FLUORANTHENE	2	2	100	2.30E+00	2.60E+00	2.45E+00	2.12E-01	3.40E+00	2.60E+00	2.60E-03
	Sweetclover	CHRYSENE	2	2	100	5.50E+00	6.70E+00	6.10E+00	8.49E-01	9.89E+00	6.70E+00	6.70E-03
	Sweetclover	FLUORANTHENE	2	2	100	1.30E+01	1.30E+01	1.30E+01	0.00E+00	0.00E+00	1.30E+01	1.30E-02
42	Sweetclover	PHENANTHRENE	2	2	100	9.40E+00	1.10E+01	1.02E+01	1.13E+00	1.53E+01	1.10E+01	1.10E-02
	Sweetclover	PYRENE	2	2	100	8.40E+00	9.00E+00	8.70E+00	4.24E-01	1.06E+01	9.00E+00	9.00E-03
	Gumweed	BENZO(A)ANTHRACENE	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	1	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	1	100	2.60E+00	2.60E+00	2.60E+00	0.00E+00	0.00E+00	2.60E+00	2.60E-03
	Gumweed	FLUORANTHENE	1	1	100	1.40E+01	1.40E+01	1.40E+01	0.00E+00	0.00E+00	1.40E+01	1.40E-02
	Gumweed	PHENANTHRENE	1	1	100	6.90E+01	6.90E+01	6.90E+01	0.00E+00	0.00E+00	6.90E+01	6.90E-02
	Gumweed	PYRENE	1	1	100	8.10E+00	8.10E+00	8.10E+00	0.00E+00	0.00E+00	8.10E+00	8.10E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	0	9	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	9	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	9	9	100	8.70E-01	2.60E+00	1.36E+00	6.56E-01	1.77E+00	1.77E+00	1.77E-03
	Rabbitbrush	FLUORANTHENE	9	9	100	8.00E+00	2.90E+01	1.51E+01	6.55E+00	1.92E+01	1.92E+01	1.92E-02
	Rabbitbrush	PHENANTHRENE	9	9	100	2.00E+01	1.90E+02	1.18E+02	3.32E+01	1.38E+02	1.38E+02	1.38E-01
	Rabbitbrush	PYRENE	9	9	100	8.70E+00	9.70E+00	5.03E+00	2.31E+00	6.46E+00	6.46E+00	6.46E-03
	Sweetclover	BENZO(A)ANTHRACENE	0	8	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BENZO(K)FLUORANTHENE	0	8	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
42	Sweetclover	CHRYSENE	0	8	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
	Sweetclover	FLUORANTHENE	8	8	100	1.30E+00	2.70E+00	1.69E+00	3.23E-01	1.90E+00	1.90E+00	1.90E-03
	Sweetclover	PHENANTHRENE	8	8	100	5.30E+00	8.70E+00	6.50E+00	1.07E+00	7.22E+00	7.22E+00	7.22E-03
	Sweetclover	PYRENE	8	8	100	5.40E-01	9.40E-01	7.50E-01	1.34E-01	8.40E-01	8.40E-01	8.40E-04
45	Gumweed	BENZO(A)ANTHRACENE	0	3	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	3	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	1	3	33	3.45E-01	1.20E+00	6.30E-01	4.94E-01	1.46E+00	1.20E+00	1.20E-03

Summary Statistics for the PAHs in Biota (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
RSA 45 (cont.)	Gumweed	FLUORANTHENE	3	3	100	3.90E+00	5.30E+00	4.67E+00	7.09E-01	5.86E+00	5.30E+00	5.30E-03
	Gumweed	PHENANTHRENE	3	3	100	2.10E+01	2.60E+01	2.37E+01	2.52E+00	2.79E+01	2.60E+01	2.60E-02
	Gumweed	PYRENE	3	3	100	1.90E+00	2.80E+00	2.40E+00	4.58E-01	3.17E+00	2.80E+00	2.80E-03
	Jackrabbit	BENZO(A)ANTHRACENE	4	15	27	2.45E-01	3.10E+00	6.66E-01	8.60E-01	1.06E+00	1.06E+00	1.06E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	4	15	27	2.50E-01	3.10E+00	6.77E-01	8.42E-01	1.06E+00	1.06E+00	1.06E-03
	Jackrabbit	CHRYSENE	10	15	67	2.80E-01	6.50E+00	1.47E+00	1.73E+00	2.26E+00	2.26E+00	2.26E-03
	Jackrabbit	FLUORANTHENE	7	15	47	4.30E-01	7.70E+00	1.65E+00	2.20E+00	2.66E+00	2.66E+00	2.66E-03
	Jackrabbit	PHENANTHRENE	13	15	87	1.85E-01	4.90E+00	1.69E+00	1.34E+00	2.30E+00	2.30E+00	2.30E-03
	Jackrabbit	PYRENE	12	15	80	1.95E-01	8.90E+00	1.87E+00	2.55E+00	3.03E+00	3.03E+00	3.03E-03
	Rabbitbrush	BENZO(A)ANTHRACENE	0	5	0	1.80E-01	1.80E+01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	5	0	4.05E-01	4.05E+01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	5	20	4.15E-01	1.30E+00	5.92E-01	3.96E-01	9.69E-01	9.69E-01	9.69E-04
	Rabbitbrush	FLUORANTHENE	5	5	100	4.30E+00	7.80E+00	5.56E+00	1.43E+00	6.93E+00	6.93E+00	6.93E-03
	Rabbitbrush	PHENANTHRENE	5	5	100	3.20E+01	4.70E+01	3.86E+01	7.09E+00	4.54E+01	4.54E+01	4.54E-02
	Rabbitbrush	PYRENE	5	5	100	1.10E+00	2.30E+00	1.50E+00	5.05E-01	1.98E+00	1.98E+00	1.98E-03
	Sweetclover	BENZO(A)ANTHRACENE	0	3	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BENZO(K)FLUORANTHENE	0	3	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CHRYSENE	0	3	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
	Sweetclover	FLUORANTHENE	3	3	100	9.50E-01	2.50E+00	1.58E+00	8.13E-01	2.95E+00	2.95E+00	2.95E-03
	Sweetclover	PHENANTHRENE	3	3	100	3.80E+00	6.40E+00	4.70E+00	1.47E+00	7.18E+00	6.40E+00	6.40E-03
RSA	Sweetclover	PYRENE	3	3	100	3.50E-01	9.80E-01	6.23E-01	3.23E-01	1.17E+00	9.80E-01	9.80E-04
	Gumweed	BENZO(A)ANTHRACENE	0	7	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BENZO(K)FLUORANTHENE	0	7	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CHRYSENE	0	7	0	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	FLUORANTHENE	0	7	0	1.80E+00	1.80E+00	1.80E+00	1.83E-03	1.80E+00	1.80E+00	1.80E-03
	Gumweed	PHENANTHRENE	4	7	57	1.70E+00	5.88E+00	1.80E+00	4.77E+00	9.39E+00	9.39E+00	9.39E-03
	Gumweed	PYRENE	0	7	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01	9.00E-04
	Jackrabbit	BENZO(A)ANTHRACENE	0	15	0	2.45E-01	2.45E-01	2.45E-01	0.00E+00	0.00E+00	2.45E-01	2.45E-04
	Jackrabbit	BENZO(K)FLUORANTHENE	0	15	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Jackrabbit	CHRYSENE	0	15	0	2.80E-01	2.80E-01	2.80E-01	0.00E+00	0.00E+00	2.80E-01	2.80E-04
	Jackrabbit	FLUORANTHENE	0	15	0	4.30E-01	4.30E-01	4.30E-01	0.00E+00	0.00E+00	4.30E-01	4.30E-04
	Jackrabbit	PHENANTHRENE	0	15	0	1.85E-01	1.85E-01	1.85E-01	0.00E+00	0.00E+00	1.85E-01	1.85E-04
	Jackrabbit	PYRENE	0	15	0	1.95E-01	1.95E-01	1.95E-01	0.00E+00	0.00E+00	1.95E-01	1.95E-04
	Rabbitbrush	BENZO(A)ANTHRACENE	0	15	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BENZO(K)FLUORANTHENE	0	15	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CHRYSENE	1	15	7	4.15E-01	8.90E-01	4.47E-01	1.23E-01	5.02E-01	5.02E-01	5.02E-04
	Rabbitbrush	FLUORANTHENE	13	15	87	6.50E-01	2.90E+00	1.93E+00	6.46E-01	2.23E+00	2.23E+00	2.23E-03
	Rabbitbrush	PHENANTHRENE	10	15	67	1.85E+00	5.98E+00	5.98E+00	4.01E+00	7.80E+00	7.80E+00	7.80E-03
	Rabbitbrush	PYRENE	13	15	87	1.55E-01	1.10E+00	6.60E-01	2.64E-01	7.80E-01	7.80E-01	7.80E-04
	Sweetclover	BENZO(A)ANTHRACENE	0	15	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BENZO(K)FLUORANTHENE	0	15	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CHRYSENE	1	15	7	3.10E-01	6.40E-01	3.32E-01	8.52E-02	3.71E-01	3.71E-01	3.71E-04
	Sweetclover	FLUORANTHENE	10	15	67	3.00E-01	1.40E+00	7.09E-01	3.52E-01	8.69E-01	8.69E-01	8.69E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU	Matrix	Analyte	Number of Defects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm- ug/kg	Cterm- mg/kg
RSA (cont.)	Sweetclover	PHENANTHRENE	12	15	80	7.00E-01	5.10E+00	2.53E+00	1.30E+00	3.12E+00	3.12E+00	3.12E-03
10 ^(a)	Sweetclover	PYRENE	11	15	73	1.10E-01	5.80E-01	3.23E-01	1.58E-01	3.95E-01	3.95E-01	3.95E-04
	Jackrabbit	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
11	Jackrabbit	PHENANTHRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PYRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
12	Jackrabbit	FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PHENANTHRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PYRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
13	Jackrabbit	CHRYSENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PHENANTHRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PYRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
1B	Jackrabbit	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PHENANTHRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PYRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
1C	Jackrabbit	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PHENANTHRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
21	Jackrabbit	PYRENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03

Summary Statistics for the PAHs in Biota (continued)

SWMU	RSA	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
37	Jackrabbit	PIRENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(A)ANTHRACENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PHENANTHRENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
42	Jackrabbit	PIRENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(A)ANTHRACENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BENZO(K)FLUORANTHENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CHRYSENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FLUORANTHENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PHENANTHRENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
10	Grasshopper	PIRENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Grasshopper	BENZO(A)ANTHRACENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Grasshopper	BENZO(K)FLUORANTHENE		0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Grasshopper	CHRYSENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	FLUORANTHENE		0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	PHENANTHRENE		0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
11	Beetle	PIRENE		0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	BENZO(A)ANTHRACENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	CHRYSENE		0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	FLUORANTHENE		0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	PHENANTHRENE		0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
12	Grasshopper	PIRENE		0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	BENZO(A)ANTHRACENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	CHRYSENE		0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	FLUORANTHENE		0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	PHENANTHRENE		0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
12	Beetle	PIRENE		0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	BENZO(A)ANTHRACENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	CHRYSENE		0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	FLUORANTHENE		0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	PHENANTHRENE		0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
12	Grasshopper	PIRENE		0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	BENZO(A)ANTHRACENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE		0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	CHRYSENE		0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	FLUORANTHENE		0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	PHENANTHRENE		0	0	0	0	0	0	0	0	1.45E+00	1.45E-03

Summary Statistics for the PAHs in Biota (continued)

SWMU	Matrix	Analyte	Number of Defects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm- ug/kg	Cterm- mg/kg
12 (cont.)	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
15	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
18	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
1C	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
21	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL 95	Cterm-ug/kg	Cterm-mg/kg
21 (cont.)	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
37	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
42	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
45	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04

Summary Statistics for the PAHs in Biota (continued)

SWMU	Matrix	Analyte	Number of Detects	Number of Samples	Detection Frequency (%)	Minimum Value	Maximum Value	Mean	Standard Deviation	UCL95	Cterm-up/kg	Cterm-mg/kg
45 (cont.)	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
RSA	Grasshopper	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(A)ANTHRACENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BENZO(K)FLUORANTHENE	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
Beetle	Beetle	CHRYSENE	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FLUORANTHENE	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHENANTHRENE	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYRENE	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04

*Italics indicate that the Cterm value represents model or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients for PAHs in Biota

TSK 0003/SW/PA/FINAL RPT/OCTOBER 17, 1996

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
10	Gumweed	BENZO(A)ANTHRACENE	ND ^(a)	ND	ND	ND	ND	1.34E-04	2.09E-07	2.27E-06	1.57E-07	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-07	2.30E-06	1.59E-07	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	2.31E-04	3.60E-07	3.92E-06	2.71E-07	2.76E-05	3.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	6.03E-04	9.40E-07	1.02E-05	7.06E-07	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	4.02E-03	6.27E-06	6.82E-05	4.71E-06	4.80E-04	6.94E-05
	Gumweed	PYRENE	ND	ND	ND	ND	ND	3.02E-04	4.70E-07	5.11E-06	3.53E-07	3.60E-05	5.20E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	9.40E-08	1.02E-06	7.06E-08	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-07	2.30E-06	1.59E-07	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	1.39E-04	2.17E-07	2.36E-06	1.63E-07	1.66E-05	2.40E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	8.38E-04	1.31E-06	1.42E-05	9.81E-07	1.00E-04	1.45E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	3.28E-03	5.12E-06	5.57E-05	3.84E-06	3.92E-04	5.66E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	2.75E-04	4.28E-07	4.66E-06	3.22E-07	3.28E-05	4.74E-06
	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	3.13E-07	3.41E-06	2.35E-07	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	3.17E-07	3.45E-06	2.38E-07	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	1.16E-04	2.70E-07	2.94E-06	2.03E-07	1.38E-05	1.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	6.03E-04	1.41E-06	1.53E-05	1.06E-06	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	5.03E-03	1.18E-05	1.28E-04	8.82E-06	6.00E-04	8.67E-05
	Gumweed	PYRENE	ND	ND	ND	ND	ND	3.02E-04	7.05E-07	7.67E-06	5.29E-07	3.60E-05	5.20E-06
	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	1.41E-07	1.53E-06	1.06E-07	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	3.17E-07	3.45E-06	2.38E-07	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	2.58E-03	6.03E-06	6.56E-05	4.53E-06	3.08E-04	4.45E-05
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	2.18E-04	5.09E-07	5.54E-06	3.82E-07	2.60E-05	3.76E-06
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	5.36E-03	1.25E-05	1.36E-04	9.41E-06	6.40E-04	9.25E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	5.19E-05	1.21E-07	1.32E-06	9.12E-08	6.20E-06	8.96E-07
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	7.05E-07	7.67E-06	5.29E-07	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	1.59E-06	1.73E-05	1.19E-06	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	1.39E-04	1.63E-06	1.77E-05	1.22E-06	1.66E-05	2.40E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	8.71E-04	1.02E-05	1.11E-04	7.63E-06	1.04E-04	1.50E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	6.70E-03	7.84E-05	8.52E-04	5.88E-05	8.00E-04	1.16E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	2.98E-04	3.49E-06	3.79E-05	2.62E-06	3.56E-05	5.14E-06
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.38E-05	9.79E-07	1.07E-05	7.35E-07	1.00E-05	1.45E-06
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	7.54E-05	8.82E-07	9.59E-06	6.62E-07	9.00E-06	1.30E-06
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	1.04E-04	1.21E-06	1.32E-05	9.12E-07	1.24E-05	1.79E-06
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	3.35E-04	3.92E-06	4.26E-05	2.94E-06	4.00E-05	5.78E-06
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	1.07E-03	1.25E-05	1.36E-04	9.41E-06	1.28E-04	1.85E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	1.04E-04	1.21E-06	1.32E-05	9.12E-07	1.24E-05	1.79E-06
	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	5.22E-06	5.68E-05	3.92E-06	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	5.29E-06	5.75E-05	3.97E-06	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	3.18E-04	1.24E-05	1.35E-04	9.31E-06	3.80E-05	5.49E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	1.31E-04	5.09E-05	5.54E-04	3.82E-05	1.56E-04	2.25E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	4.36E-03	1.70E-04	1.85E-03	1.27E-04	5.20E-04	7.51E-05

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Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kill Fox	Plants	Soil Fauna
15 (cont.)	Gumweed	PYRENE	ND	ND	ND	ND	ND	8.04E-04	3.13E-05	3.41E-04	2.35E-05	9.60E-05	1.39E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	3.12E-04	1.21E-05	1.32E-04	9.12E-06	3.72E-05	5.38E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	5.29E-06	5.75E-05	3.97E-06	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	1.44E-03	5.62E-05	6.11E-04	4.22E-05	1.72E-04	2.49E-05
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	6.70E-03	2.61E-04	2.84E-03	1.96E-04	8.00E-04	1.16E-04
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.55E-02	9.93E-04	1.08E-02	7.45E-04	3.04E-03	4.39E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	4.36E-03	1.70E-04	1.85E-03	1.27E-04	5.20E-04	7.51E-05
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	4.02E-03	1.57E-04	1.70E-03	1.18E-04	4.80E-04	6.94E-05
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.78E-03	1.08E-04	1.18E-03	8.14E-05	3.32E-04	4.80E-05
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	5.03E-03	1.96E-04	2.13E-03	1.47E-04	6.00E-04	8.67E-05
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	1.01E-02	3.92E-04	4.26E-03	2.94E-04	1.20E-03	1.73E-04
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	5.03E-03	1.96E-04	2.13E-03	1.47E-04	6.00E-04	8.67E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	1.14E-02	4.44E-04	4.83E-03	3.33E-04	1.36E-03	1.97E-04
IB	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.28E-04	5.22E-08	5.68E-07	3.92E-08	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.29E-04	5.29E-08	5.75E-07	3.97E-08	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	1.10E-04	4.51E-08	4.90E-07	3.38E-08	1.38E-05	1.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	5.75E-04	2.35E-07	2.56E-06	1.76E-07	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	5.43E-04	2.22E-07	2.41E-06	1.67E-07	6.80E-05	9.83E-06
	Gumweed	PYRENE	ND	ND	ND	ND	ND	2.87E-04	1.18E-07	1.28E-06	8.82E-08	3.60E-05	5.20E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	5.75E-05	2.35E-08	2.56E-07	1.76E-08	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.29E-04	5.29E-08	5.75E-07	3.97E-08	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	3.03E-04	1.24E-07	1.35E-06	9.31E-08	3.80E-05	5.49E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	5.43E-04	2.22E-07	2.41E-06	1.67E-07	6.80E-05	9.83E-06
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	5.90E-04	2.42E-07	2.63E-06	1.81E-07	7.40E-05	1.07E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	1.40E-04	5.75E-08	6.25E-07	4.31E-08	1.76E-05	2.54E-06
IC	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	2.09E-06	2.27E-05	1.57E-06	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-06	2.30E-05	1.59E-06	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	1.16E-04	1.80E-06	1.96E-05	1.35E-06	1.38E-05	1.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	6.03E-04	9.40E-06	1.02E-04	7.06E-06	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	1.94E-03	3.03E-05	3.29E-04	2.27E-05	2.32E-04	3.35E-05
	Gumweed	PYRENE	ND	ND	ND	ND	ND	3.02E-04	4.70E-06	5.11E-05	3.53E-06	3.60E-05	5.20E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	9.40E-07	1.02E-05	7.06E-07	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-06	2.30E-05	1.59E-06	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	3.69E-04	5.75E-06	6.25E-05	4.31E-06	4.40E-05	6.36E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	6.70E-04	1.04E-05	1.14E-04	7.84E-06	8.00E-05	1.16E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.41E-03	3.76E-05	4.09E-04	2.82E-05	2.88E-04	4.16E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	1.07E-03	1.67E-05	1.82E-04	1.26E-05	1.28E-04	1.85E-05
21	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	3.19E-05	1.31E-08	1.42E-07	9.81E-09	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	3.23E-05	1.32E-08	1.44E-07	9.93E-09	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	7.82E-05	3.20E-08	3.48E-07	2.40E-08	3.92E-05	5.66E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	3.67E-04	1.50E-07	1.63E-06	1.13E-07	1.84E-04	2.66E-05

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jacksrabbit	Fox	Plants	Soil Fauna
21 (cont.)	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	1.68E-03	6.86E-07	7.46E-06	5.15E-07	8.40E-04	1.21E-04
	Gumweed	PYRENE	ND	ND	ND	ND	ND	1.84E-04	7.51E-08	8.17E-07	5.64E-08	9.20E-05	1.33E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.44E-05	5.88E-09	6.39E-08	4.41E-09	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	3.23E-05	1.32E-08	1.44E-07	9.93E-09	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	7.66E-05	3.13E-08	3.41E-07	2.35E-08	3.84E-05	5.55E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	3.19E-04	1.31E-07	1.42E-06	9.81E-08	1.60E-04	2.31E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.07E-03	8.49E-07	9.23E-06	6.37E-07	1.04E-03	1.50E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	9.58E-05	3.92E-08	4.26E-07	2.94E-08	4.80E-05	6.94E-06
	Ambrosia	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	7.31E-08	7.95E-07	5.49E-08	1.60E-05	2.31E-06
	Ambrosia	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.91E-03	1.04E-06	1.13E-05	7.82E-07	2.28E-04	3.29E-05
	Ambrosia	CHRYSENE	ND	ND	ND	ND	ND	2.82E-03	1.54E-06	1.67E-05	1.15E-06	3.36E-04	4.86E-05
	Ambrosia	FLUORANTHENE	ND	ND	ND	ND	ND	7.04E-03	3.84E-06	4.18E-05	2.88E-06	8.40E-04	1.21E-04
	Ambrosia	PHENANTHRENE	ND	ND	ND	ND	ND	6.03E-03	3.29E-06	3.58E-05	2.47E-06	7.20E-04	1.04E-04
	Ambrosia	PYRENE	ND	ND	ND	ND	ND	5.70E-03	3.11E-06	3.38E-05	2.33E-06	6.80E-04	9.83E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.64E-03	8.96E-07	9.74E-06	6.73E-07	1.96E-04	2.83E-05
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.11E-03	1.15E-06	1.25E-05	8.65E-07	2.52E-04	3.64E-05
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	5.03E-03	2.74E-06	2.98E-05	2.06E-06	6.00E-04	8.67E-05
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	1.27E-02	6.95E-06	7.55E-05	5.22E-06	1.52E-03	2.20E-04
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.41E-02	1.32E-05	1.43E-04	9.88E-06	2.88E-03	4.16E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	9.72E-03	5.30E-06	5.77E-05	3.98E-06	1.16E-03	1.68E-04
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	7.71E-04	4.21E-07	4.57E-06	3.16E-07	9.20E-05	1.33E-05
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	8.71E-04	4.75E-07	5.17E-06	3.57E-07	1.04E-04	1.50E-05
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	2.25E-03	1.23E-06	1.33E-05	9.20E-07	2.68E-04	3.87E-05
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	4.36E-03	2.38E-06	2.58E-05	1.78E-06	5.20E-04	7.51E-05
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	3.69E-03	2.01E-06	2.19E-05	1.51E-06	4.40E-04	6.36E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	3.02E-03	1.65E-06	1.79E-05	1.24E-06	3.60E-04	5.20E-05
	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	3.76E-06	4.09E-05	2.82E-06	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	3.81E-06	4.14E-05	2.86E-06	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	8.71E-04	2.44E-05	2.66E-04	1.84E-05	1.04E-04	1.50E-05
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	4.69E-03	1.32E-04	1.43E-03	9.88E-05	5.60E-04	8.09E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	2.31E-02	6.49E-04	7.05E-03	4.87E-04	2.76E-03	3.99E-04
	Gumweed	PYRENE	ND	ND	ND	ND	ND	2.71E-03	7.62E-05	8.28E-04	5.72E-05	3.24E-04	4.68E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	1.69E-06	1.84E-05	1.27E-06	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	3.81E-06	4.14E-05	2.86E-06	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	5.92E-04	1.66E-05	1.81E-04	1.25E-05	7.07E-05	1.02E-05
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	6.42E-03	1.80E-04	1.96E-03	1.35E-04	7.67E-04	1.11E-04
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	4.63E-02	1.30E-03	1.41E-02	9.76E-04	5.53E-03	7.99E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	2.17E-03	6.08E-05	6.61E-04	4.56E-05	2.59E-04	3.74E-05
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.38E-05	2.35E-06	2.56E-05	1.76E-06	1.00E-05	1.45E-06
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	7.54E-05	2.12E-06	2.30E-05	1.59E-06	9.00E-06	1.30E-06
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	1.04E-04	2.91E-06	3.17E-05	2.19E-06	1.24E-05	1.79E-06

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Final Hazard Quotients for PAHs in Biota (continued)

SWMU	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kilt Fox	Plants	Soil Fauna
45	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	6.38E-04	1.79E-05	1.95E-04	1.34E-05	7.61E-05	1.10E-05
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	2.42E-03	6.78E-05	7.38E-04	5.09E-05	2.89E-04	4.17E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	2.81E-04	7.90E-06	8.59E-05	5.93E-06	3.36E-05	4.85E-06
	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	5.22E-07	5.68E-06	3.92E-07	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	5.29E-07	5.75E-06	3.97E-07	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	4.02E-04	1.57E-06	1.70E-05	1.18E-06	4.80E-05	6.94E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	1.78E-03	6.92E-06	7.53E-05	5.20E-06	2.12E-04	3.06E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	8.71E-03	3.40E-05	3.69E-04	2.55E-05	1.04E-04	1.50E-04
	Gumweed	PYRENE	ND	ND	ND	ND	ND	9.38E-04	3.66E-06	3.98E-05	2.75E-06	1.12E-04	1.62E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	3.54E-04	1.38E-06	1.50E-05	1.04E-06	4.23E-05	6.11E-06
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	3.55E-04	1.38E-06	1.50E-05	1.04E-06	4.24E-05	6.12E-06
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	7.56E-04	2.95E-06	3.21E-05	2.21E-06	9.03E-05	1.30E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	8.90E-04	3.47E-06	3.77E-05	2.60E-06	1.06E-04	1.54E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	7.72E-04	3.01E-06	3.27E-05	2.26E-06	9.21E-05	1.33E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	3.96E-06	4.31E-05	2.97E-06	1.21E-04	1.75E-05
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	2.35E-07	2.56E-06	1.76E-07	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	5.29E-07	5.75E-06	3.97E-07	1.62E-05	2.34E-06
	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	3.25E-04	1.27E-06	1.38E-05	9.50E-07	3.88E-05	5.60E-06
RSA	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	2.32E-03	9.05E-06	9.84E-05	6.79E-06	2.77E-04	4.00E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	1.52E-02	5.92E-05	6.44E-04	4.45E-05	1.81E-03	2.62E-04
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	6.64E-04	2.59E-06	2.81E-05	1.94E-06	7.93E-05	1.15E-05
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.38E-05	3.26E-07	3.55E-06	2.45E-07	1.00E-05	1.45E-06
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	7.54E-05	2.94E-07	3.20E-06	2.21E-07	9.00E-06	1.30E-06
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	1.04E-04	4.05E-07	4.40E-06	3.04E-07	1.24E-05	1.79E-06
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	8.38E-04	3.26E-06	3.55E-05	2.45E-06	1.00E-04	1.45E-05
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	2.14E-03	8.36E-06	9.09E-05	6.28E-06	2.56E-04	3.70E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	3.28E-04	1.28E-06	1.39E-05	9.61E-07	3.92E-05	5.66E-06
	Gumweed	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.34E-04	2.09E-05	5.85E-05	1.92E-04	1.60E-05	2.31E-06
	Gumweed	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-05	5.92E-05	1.94E-04	1.62E-05	2.34E-06
	Gumweed	CHRYSENE	ND	ND	ND	ND	ND	1.16E-04	1.80E-05	5.05E-05	1.65E-04	1.38E-05	1.99E-06
	Gumweed	FLUORANTHENE	ND	ND	ND	ND	ND	6.03E-04	9.40E-05	2.63E-04	8.62E-04	7.20E-05	1.04E-05
	Gumweed	PHENANTHRENE	ND	ND	ND	ND	ND	3.15E-03	4.91E-04	1.37E-03	4.50E-03	3.76E-04	5.43E-05
	Gumweed	PYRENE	ND	ND	ND	ND	ND	3.02E-04	4.70E-05	1.32E-04	4.31E-04	3.60E-05	5.20E-06
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.21E-05	1.28E-05	3.58E-05	1.17E-04	9.80E-06	1.42E-06
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	8.38E-05	1.31E-05	3.66E-05	1.20E-04	1.00E-05	1.45E-06
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	9.38E-05	1.46E-05	4.10E-05	1.34E-04	1.12E-05	1.62E-06
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.44E-04	2.25E-05	6.29E-05	2.06E-04	1.72E-05	2.49E-06
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	6.20E-05	9.66E-06	2.71E-05	8.86E-05	7.40E-06	1.07E-06
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	6.54E-05	1.02E-05	2.85E-05	9.34E-05	7.80E-06	1.13E-06
	Rabbitbrush	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	6.03E-05	9.40E-06	2.63E-05	8.62E-05	7.20E-06	1.04E-06
	Rabbitbrush	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.36E-04	2.12E-05	5.92E-05	1.94E-04	1.62E-05	2.34E-06

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
RSA (cont.)	Rabbitbrush	CHRYSENE	ND	ND	ND	ND	ND	1.68E-04	2.62E-05	7.35E-05	2.41E-04	2.01E-05	2.90E-06
	Rabbitbrush	FLUORANTHENE	ND	ND	ND	ND	ND	7.46E-04	1.16E-04	3.26E-04	1.07E-03	8.91E-05	1.29E-05
	Rabbitbrush	PHENANTHRENE	ND	ND	ND	ND	ND	2.61E-03	4.07E-04	1.14E-03	3.73E-03	3.12E-04	4.51E-05
	Rabbitbrush	PYRENE	ND	ND	ND	ND	ND	2.61E-04	4.07E-05	1.14E-04	3.73E-04	3.12E-05	4.51E-06
	Sweetclover	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	8.38E-05	1.31E-05	3.66E-05	1.20E-04	1.00E-05	1.45E-06
	Sweetclover	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	7.54E-05	1.18E-05	3.29E-05	1.08E-04	9.00E-06	1.30E-06
	Sweetclover	CHRYSENE	ND	ND	ND	ND	ND	1.24E-04	1.94E-05	5.42E-05	1.78E-04	1.48E-05	2.14E-06
	Sweetclover	FLUORANTHENE	ND	ND	ND	ND	ND	2.91E-04	4.54E-05	1.27E-04	4.16E-04	3.48E-05	5.02E-06
	Sweetclover	PHENANTHRENE	ND	ND	ND	ND	ND	1.05E-03	1.63E-04	4.57E-04	1.50E-03	1.25E-04	1.80E-05
	Sweetclover	PYRENE	ND	ND	ND	ND	ND	1.32E-04	2.06E-05	5.77E-05	1.89E-04	1.58E-05	2.28E-06
10 ^(b)	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-06	1.72E-05	1.19E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-06	1.72E-05	1.19E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-06	1.72E-05	1.19E-06	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-06	1.72E-05	1.19E-06	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-06	1.72E-05	1.19E-06	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-06	1.72E-05	1.19E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
11	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
12	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
15	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
1B	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	2.38E-06	2.58E-05	1.78E-06	1.21E-04	1.75E-05

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
21	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	1.58E-05	1.72E-04	1.19E-05	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
37	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	2.42E-04	9.90E-08	1.08E-06	7.43E-08	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
42	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	CHRYSENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	PHENANTHRENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	PYRENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
	Jackrabbit	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.02E-03	5.55E-07	6.03E-06	4.16E-07	1.21E-04	1.75E-05
10	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	4.86E-04	7.57E-07	8.24E-06	5.69E-07	5.80E-05	8.38E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	7.57E-07	8.24E-06	5.69E-07	5.80E-05	8.38E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-07	9.66E-06	6.67E-07	6.80E-05	9.83E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-07	9.66E-06	6.67E-07	6.80E-05	9.83E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-07	9.66E-06	6.67E-07	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-07	9.66E-06	6.67E-07	6.80E-05	9.83E-06
11	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-07	3.41E-06	2.35E-07	2.40E-05	3.47E-06

Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
11 (cont.)	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	4.70E-07	5.11E-06	3.33E-07	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	4.31E-07	4.69E-06	3.24E-07	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	5.09E-07	5.54E-06	3.82E-07	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	1.14E-06	1.24E-05	8.33E-07	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	1.33E-06	1.45E-05	1.00E-06	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	4.70E-07	5.11E-06	3.33E-07	2.40E-05	3.47E-06
	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.69E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06
12	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.69E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.69E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06
13	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.69E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.69E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06
1B	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.69E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	2.35E-06	2.56E-05	1.76E-06	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	2.15E-06	2.34E-05	1.62E-06	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	2.55E-06	2.77E-05	1.91E-06	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	5.69E-06	6.18E-05	4.27E-06	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	6.66E-06	7.24E-05	5.00E-06	6.80E-05	9.83E-06

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Final Hazard Quotients for PAHs in Biota (continued)

SWMU Number	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
42 (cont.)	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	1.60E-05	1.74E-04	1.20E-03	6.80E-05	9.83E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	2.01E-04	5.64E-06	6.13E-05	4.24E-06	2.40E-05	3.47E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	5.64E-06	6.13E-05	4.24E-06	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	1.84E-04	5.17E-06	5.62E-05	3.88E-06	2.20E-05	3.18E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	2.18E-04	6.11E-06	6.65E-05	4.59E-06	2.60E-05	3.76E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	4.86E-04	1.36E-05	1.48E-04	1.02E-05	5.80E-05	8.38E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	1.60E-05	1.74E-04	1.20E-03	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	5.64E-06	6.13E-05	4.24E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	5.64E-06	6.13E-05	4.24E-06	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.01E-04	5.64E-06	6.13E-05	4.24E-06	2.40E-05	3.47E-06
45	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	1.84E-04	7.18E-07	7.81E-06	5.39E-07	2.20E-05	3.18E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	2.18E-04	8.49E-07	9.23E-06	6.37E-07	2.60E-05	3.76E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	4.86E-04	1.89E-06	2.06E-05	1.42E-06	5.80E-05	8.38E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	5.70E-04	2.22E-06	2.41E-05	1.67E-06	6.80E-05	9.83E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	7.84E-07	8.52E-06	5.88E-07	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.01E-04	7.84E-07	8.52E-06	5.88E-07	2.40E-05	3.47E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	1.84E-04	7.18E-07	7.81E-06	5.39E-07	2.20E-05	3.18E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	2.18E-04	8.49E-07	9.23E-06	6.37E-07	2.60E-05	3.76E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	4.86E-04	1.89E-06	2.06E-05	1.42E-06	5.80E-05	8.38E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	5.70E-04	2.22E-06	2.41E-05	1.67E-06	6.80E-05	9.83E-06
RS4	Grasshopper	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	7.84E-07	8.52E-06	5.88E-07	2.40E-05	3.47E-06
	Grasshopper	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.01E-04	7.84E-07	8.52E-06	5.88E-07	2.40E-05	3.47E-06
	Grasshopper	CHRYSENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-05	8.04E-05	2.63E-04	2.20E-05	3.18E-06
	Grasshopper	FLUORANTHENE	ND	ND	ND	ND	ND	2.18E-04	3.40E-05	9.51E-05	3.11E-04	2.60E-05	3.76E-06
	Grasshopper	PHENANTHRENE	ND	ND	ND	ND	ND	4.86E-04	7.57E-05	2.12E-04	6.94E-04	5.80E-05	8.38E-06
	Grasshopper	PYRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-05	2.49E-04	8.14E-04	6.80E-05	9.83E-06
	Beetle	BENZO(A)ANTHRACENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.87E-04	2.40E-05	3.47E-06
	Beetle	BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.87E-04	2.40E-05	3.47E-06
	Beetle	CHRYSENE	ND	ND	ND	ND	ND	1.84E-04	2.87E-05	8.04E-05	2.63E-04	2.20E-05	3.18E-06
	Beetle	FLUORANTHENE	ND	ND	ND	ND	ND	2.18E-04	3.40E-05	9.51E-05	3.11E-04	2.60E-05	3.76E-06
No toxicity data.	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	4.86E-04	7.57E-05	2.12E-04	6.94E-04	5.80E-05	8.38E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-05	2.49E-04	8.14E-04	6.80E-05	9.83E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-05	2.49E-04	8.14E-04	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.87E-04	2.40E-05	3.47E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-05	2.49E-04	8.14E-04	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.87E-04	2.40E-05	3.47E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-05	2.49E-04	8.14E-04	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.87E-04	2.40E-05	3.47E-06
	Beetle	PHENANTHRENE	ND	ND	ND	ND	ND	5.70E-04	8.88E-05	2.49E-04	8.14E-04	6.80E-05	9.83E-06
	Beetle	PYRENE	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.87E-04	2.40E-05	3.47E-06

^aNo toxicity data.

^bItalics indicate that the hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
ESA-1	123TCB	1,2,3-Trichlorobenzene	0	15	0	1.60E-02	1.00E+00	1.09E-01	2.59E-01	2.27E-01	1.00E+00
	124TCB	1,2,4-Trichlorobenzene	0	15	0	1.10E-01	5.00E+00	6.21E-01	1.32E+00	1.22E+00	5.00E+00
	12DCLB	1,2-Dichlorobenzene	0	15	0	2.10E-02	1.00E+00	1.23E-01	2.64E-01	2.44E-01	1.00E+00
	12DPH	1,2-Diphenylhydrazine	0	15	0	2.60E-01	1.50E+01	1.71E+00	3.90E+00	3.48E+00	1.50E+01
	135TNB	1,3,5-Trinitrobenzene	0	15	0	4.61E-01	4.61E-01	4.61E-01	0.00E+00	0.00E+00	4.61E-01
	13DCLB	1,3-Dichlorobenzene	0	15	0	2.10E-02	1.00E+00	1.23E-01	2.64E-01	2.44E-01	1.00E+00
	13DNB	1,3-Dinitrobenzene	0	15	0	2.52E-01	2.52E-01	2.52E-01	0.00E+00	0.00E+00	2.52E-01
	14DCLB	1,4-Dichlorobenzene	0	15	0	1.70E-02	1.00E+00	1.14E-01	2.61E-01	2.32E-01	1.00E+00
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	15	0	6.15E-06	1.83E-04	3.01E-05	0.00E+00	3.01E-05	1.83E-04
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	15	0	2.90E-06	2.99E-05	1.11E-05	0.00E+00	1.11E-05	2.99E-05
	236TCP	2,3,6-Trichlorophenol	0	15	0	3.10E-01	1.50E+01	1.78E+00	3.90E+00	3.55E+00	1.50E+01
	245TCP	2,4,5-Trichlorophenol	0	15	0	2.45E-01	1.00E+01	1.36E+00	2.73E+00	2.60E+00	1.00E+01
	246TCP	2,4,6-Trichlorophenol	0	15	0	3.05E-02	1.50E+00	1.78E-01	3.90E-01	3.55E-01	1.50E+00
	246TNT	2,4,6-Trinitrotoluene	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	24DCLP	2,4-Dichlorophenol	0	15	0	3.25E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	24DMPN	2,4-Dimethylphenol	0	15	0	1.50E+00	1.00E+02	1.09E+01	2.59E+01	2.26E+01	1.00E+02
	24DNP	2,4-Dinitrophenol	0	15	0	2.35E+00	1.00E+02	1.32E+01	2.69E+01	2.54E+01	1.00E+02
	24DNT	2,4-Dinitrotoluene	1	15	7	1.25E+00	1.04E+01	1.86E+00	2.36E+00	2.93E+00	2.93E+00
	26DNA	2,6-Dinitroaniline	0	15	0	2.85E-01	1.50E+01	1.76E+00	3.90E+00	3.54E+00	1.50E+01
	26DNT	2,6-Dinitrotoluene	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	2CLP	2-Chlorophenol	0	15	0	2.75E-02	1.50E+00	1.75E-01	3.91E-01	3.53E-01	1.50E+00
	2CNAP	2-Chloronaphthalene	0	15	0	1.20E-01	5.00E+00	6.63E-01	1.36E+00	1.28E+00	5.00E+00
	2MNAP	2-Methylnaphthalene	1	15	7	1.60E-02	1.00E+00	1.16E-01	2.57E-01	2.33E-01	2.33E-01
	2MP	o-Cresol	0	15	0	4.90E-02	2.50E+00	3.06E-01	6.61E-01	6.07E-01	2.50E+00
	2NANIL	2-Nitroaniline	0	15	0	1.55E+00	1.00E+02	1.09E+01	2.59E+01	2.27E+01	1.00E+02
	2NP	2-Nitrophenol	0	15	0	5.50E-01	3.00E+01	3.44E+00	7.80E+00	6.99E+00	3.00E+01
	33DCBD	3,3'-Dichlorobenzidine	0	15	0	8.00E-01	4.00E+01	4.97E+00	1.06E+01	9.78E+00	4.00E+01
	35DNA	3,5-Dinitroaniline	0	15	0	8.00E-01	4.00E+01	4.97E+00	1.06E+01	9.78E+00	4.00E+01
	3NANIL	3-Nitroaniline	0	15	0	1.50E+00	1.00E+02	1.09E+01	2.59E+01	2.26E+01	1.00E+02
	3NT	3-Nitrotoluene	0	15	0	1.70E-01	1.00E+01	1.14E+00	2.61E+00	2.32E+00	1.00E+01
	46DN2C	4,6-Dinitro-2-cresol	0	15	0	4.00E-01	2.00E+01	2.59E+00	5.46E+00	5.07E+00	2.00E+01
	4BRPPE	4-Bromophenyl phenyl ether	0	15	0	2.05E-02	1.00E+00	1.23E-01	2.64E-01	2.43E-01	1.00E+00
	4CANIL	4-Chloroaniline	0	15	0	3.15E-01	1.50E+01	1.79E+00	3.89E+00	3.56E+00	1.50E+01
	4CL3C	3-Methyl-4-chlorophenol	0	15	0	4.65E-01	2.50E+01	3.01E+00	6.61E+00	6.01E+00	2.50E+01
	4CLPPE	4-Chlorophenyl phenyl ether	0	15	0	8.50E-02	4.00E+00	5.01E-01	1.05E+00	9.81E-01	4.00E+00
	4MP	p-Cresol	0	15	0	1.20E-01	5.00E+00	6.63E-01	1.36E+00	1.28E+00	5.00E+00
	4NANIL	4-Nitroaniline	0	15	0	1.55E+00	1.00E+02	1.09E+01	2.59E+01	2.27E+01	1.00E+02
	4NP	4-Nitrophenol	0	15	0	1.65E+00	1.00E+02	1.13E+01	2.61E+01	2.32E+01	1.00E+02
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	2	15	13	2.35E-06	5.31E-04	5.05E-05	0.00E+00	5.05E-05	5.05E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	15	0	5.10E-06	1.13E-04	2.46E-05	0.00E+00	2.46E-05	1.13E-04

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
ESA-1 (cont.)	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	2.85E-06	5.60E-05	1.34E-05	0.00E+00	1.34E-05	5.60E-05
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	15	0	5.50E-06	1.60E-04	2.64E-05	0.00E+00	2.64E-05	1.60E-04
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	15	0	5.55E-06	1.24E-04	2.71E-05	0.00E+00	2.71E-05	1.24E-04
	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	15	0	2.75E-06	5.40E-05	1.30E-05	0.00E+00	1.30E-05	5.40E-05
	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	6.60E-06	1.94E-04	3.20E-05	0.00E+00	3.20E-05	1.94E-04
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	3.15E-06	6.15E-05	1.48E-05	0.00E+00	1.48E-05	6.15E-05
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	15	0	6.25E-06	1.90E-04	3.11E-05	0.00E+00	3.11E-05	1.90E-04
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	4.65E-06	2.24E-05	1.14E-05	0.00E+00	1.14E-05	2.24E-05
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	2.90E-06	2.97E-05	1.10E-05	0.00E+00	1.10E-05	2.97E-05
	ABHC	alpha-Hexachlorocyclohexane	0	15	0	1.40E-03	1.40E-02	6.44E-03	6.71E-03	9.49E-03	1.40E-02
	ACLDA	alpha-Chlordane	3	15	20	2.00E-03	1.40E-01	2.61E-02	4.46E-02	4.64E-02	1.40E-02
	AENSLF	Endosulfan I	0	15	0	5.00E-04	5.00E-03	2.30E-03	2.07E-03	3.24E-03	5.00E-03
	AG	Silver	0	15	0	4.02E-01	4.02E-01	4.02E-01	0.00E+00	0.00E+00	4.02E-01
	AL	Aluminum	15	15	100	5.34E+02	1.63E+04	6.53E+03	5.88E+03	9.21E+03	9.21E+03
	ALDRN	Aldrin	0	15	0	7.00E-04	7.00E-03	3.22E-03	3.27E-03	4.71E-03	7.00E-03
	ANAPNE	Acenaphthene	0	15	0	2.05E-02	1.00E+00	1.23E-01	2.64E-01	2.43E-01	1.00E+00
	ANAPYL	Acenaphthylene	0	15	0	1.65E-02	1.00E+00	1.13E-01	2.61E-01	2.32E-01	1.00E+00
	ANIL	Aniline	0	15	0	6.50E-02	3.00E+00	3.85E-01	8.16E-01	7.56E-01	3.00E+00
	ANTRC	Anthracene	0	15	0	3.55E-01	2.00E+00	2.18E+00	5.12E+00	4.51E+00	2.00E+01
	AS	Arsenic	15	15	100	1.10E+01	4.90E+01	2.02E+01	9.26E+00	2.44E+01	2.44E+01
	ATZ	Atrazine	0	15	0	3.25E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	B2CEXM	Bis(2-chloroethoxy) methane	0	15	0	9.50E-02	5.00E+00	6.09E-01	1.32E+00	1.21E+00	5.00E+00
	B2CIPE	Bis(2-chloroisopropyl) ether	0	15	0	2.20E-01	1.00E+01	1.28E+00	2.68E+00	2.49E+00	1.00E+01
	B2CLEE	Bis(2-chloroethyl) ether	0	15	0	1.80E-01	1.00E+01	1.18E+00	2.62E+00	2.37E+00	1.00E+01
	B2EHP	Bis(2-ethylhexyl) phthalate	0	15	0	2.40E-01	1.00E+01	1.36E+00	2.73E+00	2.60E+00	1.00E+01
	BA	Barium	15	15	100	1.50E+01	6.23E+02	2.23E+02	1.62E+02	2.97E+02	2.97E+02
	BAANTR	Benzo[a]anthracene	2	15	13	2.05E-02	1.00E+00	1.38E-01	2.61E-01	2.57E-01	2.57E-01
	BAPYR	Benzo[a]pyrene	0	15	0	6.00E-01	3.00E+01	3.48E+00	7.78E+00	7.02E+00	3.00E+01
	BBFANT	Benzo[b]fluoranthene	0	15	0	1.55E-01	1.00E+01	1.09E+00	2.59E+00	2.27E+00	1.00E+01
	BBHC	beta-Hexachlorocyclohexane	0	15	0	3.85E-03	3.85E-02	1.77E-02	1.75E-02	2.57E-02	3.85E-02
	BBZP	Butylbenzyl phthalate	0	15	0	9.00E-01	4.50E+01	5.72E+00	1.21E+01	1.12E+01	4.50E+01
	BE	Beryllium	11	15	73	2.14E-01	8.81E-01	5.01E-01	2.08E-01	5.96E-01	5.96E-01
	BENSLF	Endosulfan II	1	15	7	3.50E-04	3.50E-03	1.65E-03	0.00E+00	1.65E-03	1.65E-03
	BENZID	Benidine	0	15	0	6.50E-02	3.00E+00	3.85E-01	8.16E-01	7.56E-01	3.00E+00
	BENZOZ	Benzoic acid	0	15	0	1.55E+00	1.00E+02	1.09E+01	2.59E+01	2.27E+01	1.00E+02
	BGHIPY	Benzo[ghi]perylene	0	15	0	9.00E-02	4.50E+00	5.72E-01	1.21E+00	1.12E+00	4.50E+00
	BKFANT	Benzo[k]fluoranthene	1	15	7	6.50E-02	3.00E+00	3.98E-01	8.12E-01	7.67E-01	1.00E+00
	BZALC	Benzyl alcohol	0	15	0	1.60E-02	1.00E+00	1.09E-01	2.59E-01	2.27E-01	1.00E+00
	CA	Calcium	15	15	100	5.82E+02	3.93E+04	1.10E+04	1.38E+04	1.73E+04	1.73E+04
	CD	Cadmium	12	15	80	6.00E-01	1.38E+01	3.64E+00	3.47E+00	5.22E+00	5.22E+00
	CHRY	Chrysene	5	15	33	1.60E-02	1.00E+00	1.56E-01	2.53E-01	2.70E-01	2.70E-01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term
ESA-1 (cont.)	CLGBZ	Hexachlorobenzene	0	15	0	4.00E-02	2.00E+00	2.59E-01	5.46E-01	5.07E-01	2.00E+00
	CLGCP	Hexachlorocyclopentadiene	0	15	0	2.60E-01	1.50E+01	1.71E+00	3.90E+00	3.48E+00	1.50E+01
	CLGET	Hexachloroethane	0	15	0	9.00E-01	4.50E+01	5.72E+00	1.21E+01	1.12E+01	4.50E+01
	CLDAN	Chlordane	2	15	13	3.42E-02	1.80E+00	3.31E-01	5.55E-01	5.84E-01	5.84E-01
	CO	Cobalt	14	15	93	1.25E+00	1.21E+01	5.29E+00	2.67E+00	6.51E+00	6.51E+00
	CPMS	p-Chlorophenylmethyl sulfide	0	15	0	4.85E-02	2.50E+00	3.05E-01	6.62E-01	6.06E-01	2.50E+00
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	15	0	1.60E-01	1.00E+01	1.09E+00	2.59E+00	2.27E+00	1.00E+01
	CPMSO2	p-Chlorophenylmethyl sulfone	0	15	0	3.30E-02	1.50E+00	1.83E-01	3.90E-01	3.61E-01	1.50E+00
	CR	Chromium	15	15	100	1.22E+00	1.05E+02	2.03E+01	2.52E+01	3.17E+01	3.17E+01
	CU	Copper	15	15	100	2.18E+01	1.33E+02	6.97E+01	3.91E+01	8.75E+01	8.75E+01
	CYN	Cyanide	5	15	33	1.25E-01	1.02E+00	2.91E-01	2.75E-01	4.16E-01	4.16E-01
	DBAHA	Dibenz[ah]anthracene	0	15	0	1.55E-01	1.00E+01	1.09E+00	2.59E+00	2.27E+00	1.00E+01
	DBCP	Dibromochloropropane	0	15	0	3.55E-02	2.00E+00	2.18E-01	5.12E-01	4.51E-01	2.00E+00
	DBHC	delta-Hexachlorocyclohexane	0	15	0	4.25E-03	4.25E-02	1.96E-02	1.94E-02	2.84E-02	4.25E-02
	DBZFUR	Dibenzofuran	0	15	0	1.90E-01	1.00E+01	1.22E+00	2.65E+00	2.42E+00	1.00E+01
	DCPD	Dicyclopentadiene	0	15	0	2.85E-01	1.50E+01	1.76E+00	3.90E+00	3.54E+00	1.50E+01
	DDVP	Vapona	0	15	0	3.40E-02	1.50E+00	1.84E-01	3.90E-01	3.61E-01	1.50E+00
	DEP	Diethyl phthalate	0	15	0	1.20E-01	5.00E+00	6.63E-01	1.36E+00	1.28E+00	5.00E+00
	DITH	Dithiane	0	15	0	3.25E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	DLDRN	Dieldrin	3	15	20	8.00E-04	2.70E-01	2.25E-02	6.88E-02	5.38E-02	5.38E-02
	DMP	Dimethyl phthalate	0	15	0	3.15E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	DNBP	Di-n-butyl phthalate	0	15	0	6.50E-01	3.00E+01	3.85E+00	8.16E+00	7.56E+00	3.00E+01
	DNOP	Di-n-octyl phthalate	0	15	0	1.15E-01	5.00E+00	6.59E-01	1.36E+00	1.28E+00	5.00E+00
	ENDRN	Endrin	2	15	13	3.25E-03	8.10E-02	2.12E-02	2.70E-02	3.35E-02	3.35E-02
	ENDRNA	Endrin aldehyde	1	15	7	2.50E-04	7.50E-03	1.48E-03	1.69E-03	2.25E-03	2.25E-03
	ENDRNK	Endrin ketone	0	15	0	2.50E-04	2.50E-03	1.15E-03	0.00E+00	1.15E-03	2.50E-03
	ESFSO4	Endosulfan sulfate	0	15	0	2.50E-04	2.50E-03	1.15E-03	0.00E+00	1.15E-03	2.50E-03
	FAMPHR	Famophos	0	15	0	6.50E-01	3.00E+01	3.85E+00	8.16E+00	7.56E+00	3.00E+01
	FANT	Fluoranthene	5	15	33	1.60E-02	1.00E+00	1.32E-01	2.53E-01	2.47E-01	2.47E-01
	FE	Iron	15	15	100	6.83E+02	1.87E+04	7.82E+03	6.94E+03	1.10E+04	1.10E+04
	FLRENE	Fluorene	0	15	0	3.25E-02	1.50E+00	1.79E-01	3.89E-01	3.56E-01	1.50E+00
	GCLDAN	gamma-Chlordane	3	15	20	2.00E-03	1.80E-01	3.09E-02	5.56E-02	5.62E-02	5.62E-02
	HCB	Hexachlorobutadiene	0	15	0	4.85E-01	2.50E+01	3.05E+00	6.62E+00	6.06E+00	2.50E+01
	HG	Mercury	8	15	53	2.50E-02	2.20E-01	7.29E-02	6.22E-02	1.01E-01	1.01E-01
	HMX	Cyclotetramethylenetetranitramine	0	15	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	HPCL	Heptachlor	0	15	0	1.10E-03	1.10E-02	5.06E-03	5.48E-03	7.55E-03	1.10E-02
	HPCLE	Heptachlor epoxide	0	15	0	6.50E-04	6.50E-03	2.99E-03	3.27E-03	4.48E-03	6.50E-03
	ICDPYR	Inden[1,2,3-C,D]pyrene	0	15	0	1.20E+00	5.00E+01	6.63E+00	1.36E+01	1.28E+01	5.00E+01
	ISODR	Isodrin	0	15	0	1.50E-03	1.50E-02	6.90E-03	7.02E-03	1.01E-02	1.50E-02
	ISOPHR	Isophorone	0	15	0	1.95E-01	1.00E+01	1.22E+00	2.65E+00	2.43E+00	1.00E+01
	K	Potassium	15	15	100	1.87E+02	5.00E+03	1.92E+03	1.69E+03	2.69E+03	2.69E+03

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Defects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
ESA-1 (cont.)	KEP	Kepona	0	15	0	6.50E-01	3.00E+00	3.85E+00	8.16E+00	7.56E+00	3.00E+01
	LIN	Lindane	0	15	0	5.00E-04	5.00E-03	2.30E-03	2.07E-03	3.24E-03	5.00E-03
	MEXCLR	Methoxychlor	0	15	0	1.80E-02	1.80E-01	8.28E-02	8.22E-02	1.20E-01	1.80E-01
	MG	Magnesium	15	15	100	2.98E+02	8.42E+03	3.51E+03	3.04E+03	4.89E+03	4.89E+03
	MIREX	Mirex	0	15	0	7.00E-02	3.50E+00	4.23E-01	9.31E-01	8.46E-01	3.50E+00
	MLTHN	Malathion	0	15	0	9.00E-02	4.50E+00	5.72E-01	1.21E+00	1.12E+00	4.50E+00
	MN	Manganese	15	15	100	1.54E+01	4.62E+02	1.77E+02	1.57E+02	2.48E+02	2.48E+02
	NAP	Sodium	15	15	100	8.37E+01	7.30E+02	2.19E+02	1.98E+02	3.09E+02	3.09E+02
	NB	Naphthalene	0	15	0	3.70E-01	2.00E+01	2.20E+00	5.12E+00	4.52E+00	2.00E+01
	NI	Nitrobenzene	0	15	0	5.70E-01	5.70E-01	5.70E-01	0.00E+00	0.00E+00	5.70E-01
	NNDMEA	Nickel	15	15	100	6.04E+00	2.86E+01	1.36E+01	6.76E+00	1.67E+01	1.67E+01
	NNDNPA	N-Nitrosodimethylamine	0	15	0	2.30E-01	1.00E+01	1.32E+00	2.69E+00	2.54E+00	1.00E+01
	NNDPA	N-Nitrosodi-n-propylamine	0	15	0	5.50E-01	3.00E+01	3.44E+00	7.80E+00	6.99E+00	3.00E+01
	OCDD	N-Nitrosodiphenylamine	0	15	0	1.45E-01	5.00E+00	7.49E-01	1.42E+00	1.39E+00	5.00E+00
	OCDF	Octachlorodibenzodioxin - nonspecific	12	15	80	2.68E-05	4.23E-03	9.02E-04	8.45E-04	1.29E-03	1.29E-03
	OXAT	Octachlorodibenzofuran - nonspecific	0	15	0	8.95E-06	3.80E-04	7.18E-05	0.00E+00	7.18E-05	3.80E-04
	PB	1,4-Oxathiane	0	15	0	3.75E-02	2.00E+00	2.57E-01	5.47E-01	5.05E-01	2.00E+00
	PCB016	Lead	15	15	100	1.72E+01	8.22E+02	3.45E+02	2.58E+02	4.62E+02	4.62E+02
	PCB221	PCB 1016	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB232	PCB 1221	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB242	PCB 1232	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB248	PCB 1242	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB254	PCB 1248	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB260	PCB 1254	0	15	0	5.00E-02	5.00E-01	2.30E-01	2.28E-01	3.34E-01	5.00E-01
	PCB262	PCB 1260	0	15	0	2.40E-02	2.40E-01	1.10E-01	1.10E-01	1.60E-01	2.40E-01
	PCP	PCB 1262	0	15	0	3.15E+00	1.50E+02	1.79E+01	3.89E+01	3.56E+01	1.50E+02
	PHANTR	Pentachlorophenol	0	15	0	3.80E-01	2.00E+01	2.57E+00	5.47E+00	5.06E+00	2.00E+01
	PHENOL	Phenanthrene	4	15	27	1.60E-02	1.00E+00	1.61E-01	2.62E-01	2.80E-01	2.80E-01
	PPDDD	Phenol	0	15	0	2.60E-02	1.50E+00	1.71E-01	3.90E-01	3.48E-01	1.50E+00
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	3	15	20	1.35E-03	9.20E-02	1.77E-02	2.98E-02	3.13E-02	3.13E-02
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1	15	7	1.35E-03	1.35E-02	6.34E-03	5.79E-03	8.98E-03	8.98E-03
	PRTHN	Parathion	5	15	33	1.75E-03	7.90E-02	1.78E-02	2.57E-02	2.95E-02	2.95E-02
	PYR	Benzo[def]phenanthrene	0	15	0	8.50E-01	4.00E+01	5.01E+00	1.05E+01	9.81E+00	4.00E+01
	RDX	RDX / Cyclonite	4	15	27	4.15E-02	2.00E+00	3.27E-01	5.32E-01	5.69E-01	5.69E-01
	SB	Antimony	0	15	0	6.40E-01	6.40E-01	6.40E-01	0.00E+00	6.40E-01	6.40E-01
	SE	Selenium	10	15	67	5.00E-01	3.52E+02	7.58E+01	1.19E+02	1.30E+02	1.30E+02
	SUPONA	Supona	1	15	7	2.25E-01	1.04E+00	2.79E-01	2.11E-01	3.75E-01	3.75E-01
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	15	0	4.60E-01	2.50E+01	3.00E+00	6.62E+00	6.01E+00	2.50E+01
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3	15	20	4.05E-06	2.47E-05	1.18E-05	0.00E+00	1.18E-05	1.18E-05
	TETRYL	Tetryl	0	15	0	2.25E-06	2.73E-05	8.99E-06	0.00E+00	8.99E-06	2.73E-05
			0	15	0	1.06E+00	1.06E+00	1.06E+00	0.00E+00	0.00E+00	1.06E+00

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test	Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
ESA-2	TL	Thallium	0	15	0	1.72E+01	1.72E+01	1.72E+01	1.72E+01	0.00E+00	0.00E+00	1.72E+01
	TXPHEN	Toxaphene	0	15	0	1.13E-01	1.15E+00	5.28E-01	5.26E-01	0.00E+00	7.67E-01	1.15E+00
	V	Vanadium	15	15	100	1.05E+01	2.28E+01	1.49E+01	4.27E+00	1.68E+01	1.68E+01	1.68E+01
	ZN	Zinc	15	15	100	8.46E+00	5.18E+02	1.30E+02	1.32E+02	1.90E+02	1.90E+02	1.90E+02
	123TCB	1,2,3-Trichlorobenzene	0	15	0	1.60E-02	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02
	124TCB	1,2,4-Trichlorobenzene	0	15	0	1.10E-01	1.10E-01	1.10E-01	1.10E-01	0.00E+00	0.00E+00	1.10E-01
	12DCLB	1,2-Dichlorobenzene	0	15	0	2.10E-02	2.10E-02	2.10E-02	2.10E-02	0.00E+00	0.00E+00	2.10E-02
	12DPH	1,2-Diphenylhydrazine	0	15	0	2.60E-01	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01
	13STNB	1,3,5-Trinitrobenzene	0	15	0	4.61E-01	4.61E-01	4.61E-01	4.61E-01	0.00E+00	0.00E+00	4.61E-01
	13DCLB	1,3-Dichlorobenzene	0	15	0	2.10E-02	2.10E-02	2.10E-02	2.10E-02	0.00E+00	0.00E+00	2.10E-02
	13DNB	1,3-Dinitrobenzene	0	15	0	2.52E-01	2.52E-01	2.52E-01	2.52E-01	0.00E+00	0.00E+00	2.52E-01
	14DCLB	1,4-Dichlorobenzene	0	15	0	1.70E-02	1.70E-02	1.70E-02	1.70E-02	0.00E+00	0.00E+00	1.70E-02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	15	0	3.50E-06	1.45E-05	9.42E-06	9.42E-06	0.00E+00	9.42E-06	1.45E-05
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	15	0	3.00E-06	1.03E-05	6.24E-06	6.24E-06	0.00E+00	6.24E-06	1.03E-05
	236TCP	2,3,6-Trichlorophenol	0	15	0	3.10E-01	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01
	245TCP	2,4,5-Trichlorophenol	0	15	0	2.45E-01	2.45E-01	2.45E-01	2.45E-01	0.00E+00	0.00E+00	2.45E-01
	246TCP	2,4,6-Trichlorophenol	0	15	0	3.05E-02	3.05E-02	3.05E-02	3.05E-02	0.00E+00	0.00E+00	3.05E-02
	246TNT	2,4,6-Trinitrotoluene	0	15	0	1.00E+00	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	24DCLP	2,4-Dichlorophenol	0	15	0	3.25E-02	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	24DMPN	2,4-Dimethylphenol	0	15	0	1.50E+00	1.50E+00	1.50E+00	1.50E+00	0.00E+00	0.00E+00	1.50E+00
	24DNP	2,4-Dinitrophenol	0	15	0	2.35E+00	2.35E+00	2.35E+00	2.35E+00	0.00E+00	0.00E+00	2.35E+00
	24DNT	2,4-Dinitrotoluene	0	15	0	1.25E+00	1.25E+00	1.25E+00	1.25E+00	0.00E+00	0.00E+00	1.25E+00
	26DNA	2,6-Dinitroaniline	0	15	0	2.85E-01	2.85E-01	2.85E-01	2.85E-01	0.00E+00	0.00E+00	2.85E-01
	26DNT	2,6-Dinitrotoluene	0	15	0	1.00E+00	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	2CLP	2-Chlorophenol	0	15	0	2.75E-02	2.75E-02	2.75E-02	2.75E-02	0.00E+00	0.00E+00	2.75E-02
	2CNAP	2-Chloronaphthalene	0	15	0	1.20E-01	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	2MNAP	2-Methylnaphthalene	2	15	13	1.60E-02	4.90E-02	3.79E-01	1.26E+00	0.00E+00	9.51E-01	9.51E-01
	2MP	o-Cresol	0	15	0	4.90E-02	4.90E-02	4.90E-02	4.90E-02	0.00E+00	0.00E+00	4.90E-02
	2NANIL	2-Nitroaniline	0	15	0	1.55E+00	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00
	2NP	2-Nitrophenol	0	15	0	5.50E-01	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	5.50E-01
	33DCBD	3,3'-Dichlorobenzidine	0	15	0	8.00E-01	8.00E-01	8.00E-01	8.00E-01	0.00E+00	0.00E+00	8.00E-01
	35DNA	3,5-Dinitroaniline	0	15	0	8.00E-01	8.00E-01	8.00E-01	8.00E-01	0.00E+00	0.00E+00	8.00E-01
	3NANIL	3-Nitroaniline	0	15	0	1.50E+00	1.50E+00	1.50E+00	1.50E+00	0.00E+00	0.00E+00	1.50E+00
	3NT	3-Nitrotoluene	0	15	0	1.70E-01	1.70E-01	1.70E-01	1.70E-01	0.00E+00	0.00E+00	1.70E-01
	46DN2C	4,6-Dinitro-2-cresol	0	15	0	4.00E-01	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01
	4BRPPE	4-Bromophenyl phenyl ether	0	15	0	2.05E-02	2.05E-02	2.05E-02	2.05E-02	0.00E+00	0.00E+00	2.05E-02
	4CANIL	4-Chloroaniline	0	15	0	3.15E-01	3.15E-01	3.15E-01	3.15E-01	0.00E+00	0.00E+00	3.15E-01
	4CL3C	3-Methyl-4-chlorophenol	0	15	0	4.65E-01	4.65E-01	4.65E-01	4.65E-01	0.00E+00	0.00E+00	4.65E-01
	4CLPPE	4-Chlorophenyl phenyl ether	0	15	0	8.50E-02	8.50E-02	8.50E-02	8.50E-02	0.00E+00	0.00E+00	8.50E-02
	4MP	p-Cresol	0	15	0	1.20E-01	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	4NANIL	4-Nitroaniline	0	15	0	1.55E+00	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
ESA-2 (cont.)	4NP	4-Nitrophenol	0	15	0	1.65E+00	1.65E+00	1.65E+00	0.00E+00	0.00E+00	1.65E+00
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4	15	27	5.00E-07	6.42E-04	9.99E-05	0.00E+00	9.99E-05	9.99E-05
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2	15	13	4.45E-06	1.75E-05	1.08E-05	0.00E+00	0.00E+00	1.08E-05
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	3.90E-06	1.25E-05	7.69E-06	0.00E+00	7.69E-06	1.25E-05
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	15	0	3.05E-06	1.28E-05	8.29E-06	0.00E+00	8.29E-06	1.28E-05
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	15	0	4.85E-06	1.93E-05	1.10E-05	0.00E+00	1.10E-05	1.93E-05
	789HXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	15	7	3.70E-06	1.00E-04	1.45E-05	0.00E+00	1.45E-05	1.93E-05
	789HXP	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	3.70E-06	1.55E-05	9.98E-06	0.00E+00	9.98E-06	1.55E-05
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	4.10E-06	1.48E-05	8.27E-06	0.00E+00	8.27E-06	1.48E-05
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	15	0	3.65E-06	1.48E-05	9.53E-06	0.00E+00	9.53E-06	1.48E-05
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	4.20E-06	2.19E-05	9.99E-06	0.00E+00	9.99E-06	2.19E-05
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	3.00E-06	1.03E-05	6.23E-06	0.00E+00	6.23E-06	1.03E-05
	ABHC	alpha-Hexachlorocyclohexane	0	15	0	1.40E-03	1.40E-03	1.40E-03	0.00E+00	0.00E+00	1.40E-03
	ACLDAN	alpha-Chlordane	1	15	7	2.00E-03	1.28E-02	2.72E-03	2.67E-03	3.94E-03	3.94E-03
	AENSLF	Endosulfan I	1	15	7	5.00E-04	3.50E-03	7.00E-04	8.45E-04	1.08E-03	1.08E-03
	AG	Silver	0	15	0	4.02E-01	4.02E-01	4.02E-01	0.00E+00	0.00E+00	4.02E-01
	AL	Aluminum	15	15	100	3.00E+03	1.18E+04	6.74E+03	2.81E+03	8.01E+03	8.01E+03
	ALDRN	Aldrin	3	15	20	7.00E-04	2.73E-03	1.03E-03	0.00E+00	1.03E-03	1.03E-03
	ANAPNE	Acenaphthene	2	15	13	2.05E-02	6.00E-01	4.04E+00	1.55E+01	1.11E+01	1.11E+01
	ANAPYL	Acenaphthylene	0	15	0	1.65E-02	1.65E-02	1.65E-02	0.00E+00	0.00E+00	1.65E-02
	ANIL	Aniline	0	15	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	0.00E+00	6.50E-02
	ANTRC	Anthrane	1	15	7	3.55E-01	7.00E+01	5.00E+00	1.80E+01	1.32E+01	1.32E+01
	AS	Arsenic	14	15	93	1.25E+00	6.70E+01	1.02E+01	1.64E+01	1.77E+01	1.77E+01
	ATZ	Atrazine	0	15	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	B2CEXM	Bis(2-chloroethoxy) methane	0	15	0	9.50E-02	9.50E-02	9.50E-02	0.00E+00	0.00E+00	9.50E-02
	B2CIPE	Bis(2-chloroisopropyl) ether	0	15	0	2.20E-01	2.20E-01	2.20E-01	0.00E+00	0.00E+00	2.20E-01
	B2CLEE	Bis(2-chloroethyl) ether	0	15	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01
	B2EHP	Bis(2-ethylhexyl) phthalate	0	15	0	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0.00E+00	2.40E-01
	BA	Barium	15	15	100	4.60E+01	3.94E+02	1.27E+02	9.01E+01	1.68E+02	1.68E+02
	BAANTR	Benzo[a]anthracene	6	15	40	2.05E-02	1.00E+02	6.87E+00	2.58E+01	1.86E+01	1.86E+01
	BAPYR	Benzo[a]pyrene	1	15	7	6.00E-01	1.00E+02	7.23E+00	2.57E+01	1.89E+01	1.89E+01
	BBFANT	Benzo[b]fluoranthene	3	15	20	1.55E-01	1.00E+02	7.10E+00	2.57E+01	1.88E+01	1.88E+01
	BBHC	beta-Hexachlorocyclohexane	0	15	0	3.85E-03	3.85E-03	3.85E-03	0.00E+00	0.00E+00	3.85E-03
	BBZP	Butylbenzyl phthalate	0	15	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01
	BE	Beryllium	3	15	20	2.14E-01	6.66E-01	2.93E-01	1.65E-01	3.68E-01	3.68E-01
	BENSLF	Endosulfan II	4	15	27	3.50E-04	5.84E-03	1.11E-03	1.20E-03	1.65E-03	1.65E-03
	BENZID	Benidine	0	15	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	0.00E+00	6.50E-02
	BENZOZ	Benzoic acid	0	15	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00
	BGHIPY	Benzo[ghi]perylene	3	15	20	9.00E-02	6.00E+00	4.17E+00	1.54E+01	1.12E+01	1.12E+01
	BKFANT	Benzo[k]fluoranthene	4	15	27	6.50E-02	1.00E+02	6.83E+00	2.58E+01	1.86E+01	1.86E+01
	BZALC	Benzyl alcohol	0	15	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	CA	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
ESA-2 (cont.)	CD	Calcium		15	15	100	5.38E+03	6.60E+04	2.92E+04	1.54E+04	3.61E+04	3.61E+04
	CHRY	Cadmium		8	15	53	6.00E-01	2.00E+01	2.93E+00	5.00E+00	5.21E+00	5.21E+00
	CL6BZ	Chrysene		6	15	40	1.60E-02	2.00E+02	1.36E+01	5.16E+01	3.70E+01	3.70E+01
	CL6CP	Hexachlorobenzene		0	15	0	4.00E-02	4.00E-02	4.00E-02	0.00E+00	0.00E+00	4.00E-02
	CL6ET	Hexachlorocyclopentadiene		0	15	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01
	CL6ET	Hexachloroethane		0	15	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01
	CLDAN	Chlordane		1	15	7	3.42E-02	2.54E-01	4.89E-02	5.67E-02	7.46E-02	7.46E-02
	CO	Cobalt		9	15	60	1.25E+00	1.53E+01	3.54E+00	3.53E+00	5.14E+00	5.14E+00
	CPMS	p-Chlorophenylmethyl sulfide		0	15	0	4.85E-02	4.85E-02	4.85E-02	0.00E+00	0.00E+00	4.85E-02
	CPMSO	p-Chlorophenylmethyl sulfoxide		0	15	0	1.60E-01	1.60E-01	1.60E-01	0.00E+00	0.00E+00	1.60E-01
	CPMSO2	p-Chlorophenylmethyl sulfone		0	15	0	3.30E-02	3.30E-02	3.30E-02	0.00E+00	0.00E+00	3.30E-02
	CR	Chromium		15	15	100	5.27E+00	4.92E+01	1.55E+01	1.08E+01	2.04E+01	2.04E+01
	CU	Copper		15	15	100	3.41E+00	3.80E+03	3.06E+02	9.73E+02	7.48E+02	7.48E+02
	CYN	Cyanide		0	15	0	1.25E-01	1.25E-01	1.25E-01	0.00E+00	0.00E+00	1.25E-01
	DBAHA	Dibenz[ah]anthracene		1	15	7	1.55E-01	3.00E+01	2.14E+00	7.71E+00	5.65E+00	5.65E+00
	DBCP	Dibromochloropropane		0	15	0	3.55E-02	3.55E-02	3.55E-02	0.00E+00	0.00E+00	3.55E-02
	DBHC	delta-Hexachlorocyclohexane		0	15	0	4.25E-03	4.25E-03	4.25E-03	0.00E+00	0.00E+00	4.25E-03
	DBZFUR	Dibenzofuran		1	15	7	1.90E-01	2.00E+01	1.51E+00	5.11E+00	3.84E+00	3.84E+00
	DCPD	Dicyclopentadiene		0	15	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	0.00E+00	2.85E-01
	DDVP	Vapona		0	15	0	3.40E-02	3.40E-02	3.40E-02	0.00E+00	0.00E+00	3.40E-02
	DEP	Diethyl phthalate		0	15	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	DITH	Dithiane		0	15	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	DLDRN	Dieldrin		5	15	33	8.00E-04	1.97E-02	3.53E-03	5.92E-03	6.22E-03	6.22E-03
	DMP	Dimethyl phthalate		0	15	0	3.15E-02	3.15E-02	3.15E-02	0.00E+00	0.00E+00	3.15E-02
	DNBP	Di-n-butyl phthalate		0	15	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	DNOP	Di-n-octyl phthalate		0	12	0	1.15E-01	1.15E-01	1.15E-01	0.00E+00	0.00E+00	1.15E-01
	ENDRN	Endrin		1	15	7	3.25E-03	1.24E-02	3.86E-03	2.24E-03	4.88E-03	4.88E-03
	ENDRNA	Endrin aldehyde		1	15	7	2.50E-04	2.27E-03	3.85E-04	0.00E+00	3.85E-04	3.85E-04
	ENDRNK	Endrin ketone		2	15	13	2.50E-04	7.48E-03	7.93E-04	1.69E-03	1.56E-03	1.56E-03
	ESFSO4	Endosulfan sulfate		3	15	20	2.50E-04	9.48E-04	3.52E-04	0.00E+00	3.52E-04	3.52E-04
	FAMPHR	Famophos		0	15	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	FANT	Fluoranthene		6	15	40	1.60E-02	2.00E+02	1.36E+01	5.16E+01	3.70E+01	3.70E+01
	FE	Iron		15	15	100	5.23E+03	4.79E+04	1.39E+04	1.20E+04	1.94E+04	1.94E+04
	FLRENE	Fluorene		2	15	13	3.25E-02	4.00E+01	2.70E+00	1.03E+01	7.39E+00	7.39E+00
	GCLDAN	gamma-Chlordane		1	15	7	2.00E-03	1.39E-02	2.79E-03	2.93E-03	4.12E-03	4.12E-03
	HCB	Hexachlorobutadiene		0	15	0	4.85E-01	4.85E-01	4.85E-01	0.00E+00	0.00E+00	4.85E-01
	HG	Mercury		5	15	33	1.00E-02	8.49E-01	9.03E-02	2.11E-01	1.86E-01	1.86E-01
	HMX	Cyclohexamethylenetetranitramine		0	15	0	2.00E-03	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	HPCL	Heptachlor		2	15	13	1.10E-03	7.13E-03	1.61E-03	1.46E-03	2.27E-03	2.27E-03
	HPCLE	Heptachlor epoxide		1	15	7	6.50E-04	1.75E-03	7.23E-04	0.00E+00	7.23E-04	7.23E-04
	ICDPYR	Indeno[1,2,3-C,D]pyrene		1	15	7	1.20E+00	6.00E+01	5.12E+00	1.52E+01	1.20E+01	1.20E+01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
ESA-2 (cont.)	ISODR	Isodrin	0	15	0	1.50E-03	1.50E-03	1.50E-03	0.00E+00	0.00E+00	1.50E-03
	ISOPHR	Isophorone	0	15	0	1.95E-01	1.95E-01	1.95E-01	0.00E+00	0.00E+00	1.95E-01
	K	Potassium	15	15	100	6.56E+02	3.62E+03	1.94E+03	9.80E+02	2.38E+03	2.38E+03
	KEP	Kepon	0	15	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	LIN	Lindane	0	15	0	5.00E-04	5.00E-04	5.00E-04	0.00E+00	0.00E+00	5.00E-04
	MEXCLR	Methoxychlor	0	15	0	1.80E-02	1.80E-02	1.80E-02	0.00E+00	0.00E+00	1.80E-02
	MG	Magnesium	15	15	100	2.18E+03	6.89E+03	4.60E+03	1.27E+03	5.17E+03	5.17E+03
	MIREX	Mirex	0	12	0	7.00E-02	7.00E-02	7.00E-02	0.00E+00	0.00E+00	7.00E-02
	MLTHN	Malathion	0	15	0	9.00E-02	9.00E-02	9.00E-02	0.00E+00	0.00E+00	9.00E-02
	MN	Manganese	15	15	100	7.95E+01	3.29E+02	2.04E+02	7.80E+01	2.40E+02	2.40E+02
	NA	Sodium	15	15	100	7.82E+01	9.12E+02	1.85E+02	2.07E+02	2.79E+02	2.79E+02
	NAP	Naphthalene	1	15	7	3.70E-01	2.00E+01	1.68E+00	5.07E+00	3.98E+00	3.98E+00
	NB	Nitrobenzene	0	15	0	5.70E-01	5.70E-01	5.70E-01	0.00E+00	0.00E+00	5.70E-01
	NI	Nickel	15	15	100	4.23E+00	3.57E+01	9.85E+00	7.69E+00	1.33E+01	1.33E+01
	NNDMEA	N-Nitrosodimethylamine	0	15	0	2.30E-01	2.30E-01	2.30E-01	0.00E+00	0.00E+00	2.30E-01
	NNDNPA	N-Nitrosodi-n-propylamine	0	15	0	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	5.50E-01
	NNDPA	N-Nitrosodiphenylamine	0	15	0	1.45E-01	1.45E-01	1.45E-01	0.00E+00	0.00E+00	1.45E-01
	OCDD	Octachlorodibenzodioxin - nonspecific	9	15	60	9.05E-06	5.53E-03	1.12E-03	1.46E-03	1.79E-03	1.79E-03
	OCDF	Octachlorodibenzofuran - nonspecific	0	15	0	8.40E-06	7.10E-05	2.76E-05	0.00E+00	2.76E-05	7.10E-05
	OXAT	1,4-Oxathiane	0	15	0	3.75E-02	3.75E-02	3.75E-02	0.00E+00	0.00E+00	3.75E-02
	PB	Lead	12	15	80	3.72E+00	1.50E+03	1.97E+02	4.18E+02	3.87E+02	3.87E+02
	PCB016	PCB 1016	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB221	PCB 1221	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB232	PCB 1232	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB242	PCB 1242	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB248	PCB 1248	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB254	PCB 1254	0	15	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB260	PCB 1260	0	15	0	2.40E-02	2.40E-02	2.40E-02	0.00E+00	0.00E+00	2.40E-02
	PCB262	PCB 1262	0	15	0	2.40E-02	2.40E-02	2.40E-02	0.00E+00	0.00E+00	2.40E-02
	PCP	Pentachlorophenol	0	12	0	3.15E+00	3.15E+00	3.15E+00	0.00E+00	0.00E+00	3.15E+00
	PHANTR	Phenanthrene	0	15	0	3.80E-01	3.80E-01	3.80E-01	0.00E+00	0.00E+00	3.80E-01
	PHENOL	Phenol	6	15	40	1.60E-02	4.00E+02	2.70E+01	1.03E+02	7.39E+01	7.39E+01
	PPDDD	ppDDD	0	15	0	2.60E-02	2.60E-02	2.60E-02	0.00E+00	0.00E+00	2.60E-02
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroeth	1	15	7	1.35E-03	7.34E-03	1.75E-03	1.46E-03	2.41E-03	2.41E-03
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroeth	1	15	7	1.35E-03	2.91E-02	3.20E-03	6.92E-03	6.35E-03	6.35E-03
	PRTHN	Parathion	2	15	13	1.75E-03	5.01E-03	5.61E-03	1.24E-02	1.12E-02	1.12E-02
	PYR	Benzo[de]phenanthrene	0	15	0	8.50E-01	8.50E-01	8.50E-01	0.00E+00	0.00E+00	8.50E-01
	RDX	RDX / Cyclonite	6	15	40	4.15E-02	4.00E+02	2.71E+01	1.03E+02	7.40E+01	7.40E+01
	SB	Antimony	0	15	0	6.40E-01	6.40E-01	6.40E-01	0.00E+00	0.00E+00	6.40E-01
	SE	Selenium	6	15	40	5.00E-01	2.46E+01	4.21E+00	7.15E+00	7.46E+00	7.46E+00
	SUPONA	Supona	1	15	7	2.25E-01	7.33E-01	2.58E-01	1.31E-01	3.18E-01	3.18E-01
			0	15	0	4.60E-01	4.60E-01	4.60E-01	0.00E+00	0.00E+00	4.60E-01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
ESA-2 (cont.)	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	6	15	40	3.70E-06	2.47E-05	1.20E-05	0.00E+00	1.20E-05	1.20E-05
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	15	0	3.25E-06	9.45E-06	5.79E-06	0.00E+00	5.79E-06	9.45E-06
	TETRYL	Tetryl	0	15	0	1.06E+00	1.06E+00	1.06E+00	0.00E+00	0.00E+00	1.06E+00
	TL	Thallium	0	15	0	1.72E+01	1.72E+01	1.72E+01	0.00E+00	0.00E+00	1.72E+01
	TXPHEN	Toxaphene	0	15	0	1.13E-01	1.13E-01	1.13E-01	0.00E+00	0.00E+00	1.13E-01
	V	Vanadium	15	15	100	7.78E+00	2.23E+01	1.26E+01	4.48E+00	1.47E+01	1.47E+01
	ZN	Zinc	14	14	100	2.04E+01	8.43E+02	1.79E+02	2.62E+02	3.03E+02	3.03E+02
	123TCB	1,2,3-Trichlorobenzene	0	16	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02
	124TCB	1,2,4-Trichlorobenzene	0	16	0	1.10E-01	1.10E-01	1.10E-01	0.00E+00	0.00E+00	1.10E-01
	12DCB	1,2-Dichlorobenzene	0	16	0	2.10E-02	2.10E-02	2.10E-02	0.00E+00	0.00E+00	2.10E-02
RSA	12DPH	1,2-Diphenylhydrazine	0	16	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01
	135TNB	1,3,5-Trinitrobenzene	0	16	0	4.61E-01	4.61E-01	4.61E-01	0.00E+00	0.00E+00	4.61E-01
	13DCB	1,3-Dichlorobenzene	0	16	0	2.10E-02	2.10E-02	2.10E-02	0.00E+00	0.00E+00	2.10E-02
	13DNB	1,3-Dinitrobenzene	0	16	0	2.52E-01	2.52E-01	2.52E-01	0.00E+00	0.00E+00	2.52E-01
	14DCB	1,4-Dichlorobenzene	0	16	0	1.70E-02	1.70E-02	1.70E-02	0.00E+00	0.00E+00	1.70E-02
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	16	0	3.10E-06	7.75E-05	1.63E-05	0.00E+00	1.63E-05	7.75E-05
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	16	0	2.85E-06	3.99E-05	1.05E-05	0.00E+00	1.05E-05	3.99E-05
	236TCP	2,3,6-Trichlorophenol	0	16	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01
	245TCP	2,4,5-Trichlorophenol	0	16	0	2.45E-01	2.45E-01	2.45E-01	0.00E+00	0.00E+00	2.45E-01
	246TCP	2,4,6-Trichlorophenol	0	16	0	3.05E-02	3.05E-02	3.05E-02	0.00E+00	0.00E+00	3.05E-02
	246TNT	2,4,6-Trinitrotoluene	0	16	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	24DCLP	2,4-Dichlorophenol	0	16	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	24DMPN	2,4-Dimethylphenol	0	16	0	1.50E+00	1.50E+00	1.50E+00	0.00E+00	0.00E+00	1.50E+00
	24DNP	2,4-Dinitrophenol	0	16	0	2.35E+00	2.35E+00	2.35E+00	0.00E+00	0.00E+00	2.35E+00
	24DNT	2,4-Dinitrotoluene	0	16	0	1.25E+00	1.25E+00	1.25E+00	0.00E+00	0.00E+00	1.25E+00
	26DNA	2,6-Dinitroaniline	0	16	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	0.00E+00	2.85E-01
	26DNT	2,6-Dinitrotoluene	0	16	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00
	2CLP	2-Chlorophenol	0	16	0	2.75E-02	2.75E-02	2.75E-02	0.00E+00	0.00E+00	2.75E-02
	2CNAP	2-Chloronaphthalene	0	16	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	2MNAP	2-Methylnaphthalene	1	16	6	1.60E-02	5.80E-02	1.86E-02	1.06E-02	2.33E-02	2.33E-02
	2MP	o-Cresol	0	16	0	4.90E-02	4.90E-02	4.90E-02	0.00E+00	0.00E+00	4.90E-02
	2NANIL	2-Nitroaniline	0	16	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00
	2NP	2-Nitrophenol	0	16	0	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	5.50E-01
	33DCBD	3,3'-Dichlorobenzidine	0	16	0	8.00E-01	8.00E-01	8.00E-01	0.00E+00	0.00E+00	8.00E-01
	35DNA	3,5-Dinitroaniline	0	16	0	8.00E-01	8.00E-01	8.00E-01	0.00E+00	0.00E+00	8.00E-01
	3NANIL	3-Nitroaniline	0	16	0	1.50E+00	1.50E+00	1.50E+00	0.00E+00	0.00E+00	1.50E+00
	3NT	3-Nitrotoluene	0	16	0	1.70E-01	1.70E-01	1.70E-01	0.00E+00	0.00E+00	1.70E-01
	46DN2C	4,6-Dinitro-2-cresol	0	16	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01
	4BRPPE	4-Bromophenyl phenyl ether	0	16	0	2.05E-02	2.05E-02	2.05E-02	0.00E+00	0.00E+00	2.05E-02
	4CANIL	4-Chloroaniline	0	16	0	3.15E-01	3.15E-01	3.15E-01	0.00E+00	0.00E+00	3.15E-01
	4CL3C	3-Methyl-4-chlorophenol	0	16	0	4.65E-01	4.65E-01	4.65E-01	0.00E+00	0.00E+00	4.65E-01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test	Number	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term
RSA (cont.)	4CLPPE	4MP	0	16	0	8.50E-02	8.50E-02	8.50E-02	0.00E+00	0.00E+00	8.50E-02
	4NANIL	4NP	0	16	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01
	4NP	4NP	0	16	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	0.00E+00	1.55E+00
	678HPD	678HPF	0	16	0	1.65E+00	1.65E+00	1.65E+00	0.00E+00	0.00E+00	1.65E+00
	678HPF	678HIXD	0	16	0	2.15E-06	1.40E-05	6.52E-06	0.00E+00	6.52E-06	1.40E-05
	678HIXD	678HIXF	0	16	0	2.75E-06	5.55E-05	1.38E-05	0.00E+00	1.38E-05	5.55E-05
	789HPF	789HPF	0	16	0	2.70E-06	2.40E-05	8.57E-06	0.00E+00	8.57E-06	2.40E-05
	789HPF	789HIXD	0	16	0	2.80E-06	6.75E-05	1.42E-05	0.00E+00	1.42E-05	6.75E-05
	789HIXD	789HIXF	0	16	0	3.05E-06	6.25E-05	1.57E-05	0.00E+00	1.57E-05	6.25E-05
	789HIXF	789HIXD	0	16	0	2.55E-06	2.23E-05	7.93E-06	0.00E+00	7.93E-06	2.23E-05
	789HIXD	789HIXF	0	16	0	3.45E-06	9.00E-05	1.85E-05	0.00E+00	1.85E-05	9.00E-05
	789HIXF	789HIXD	0	16	0	2.85E-06	2.40E-05	8.54E-06	0.00E+00	8.54E-06	2.40E-05
	789HIXD	789HIXF	0	16	0	2.95E-06	7.80E-05	1.63E-05	0.00E+00	1.63E-05	7.80E-05
	789HIXF	789HIXD	0	16	0	5.55E-06	2.56E-05	1.20E-05	0.00E+00	1.20E-05	2.56E-05
	789HIXD	789HIXF	0	16	0	2.80E-06	4.18E-05	1.09E-05	0.00E+00	1.09E-05	4.18E-05
	789HIXF	789HIXD	0	16	0	1.40E-03	1.40E-03	1.40E-03	0.00E+00	1.40E-03	1.40E-03
	789HIXD	789HIXF	0	16	0	2.00E-03	2.00E-03	2.00E-03	0.00E+00	2.00E-03	2.00E-03
	789HIXF	789HIXD	0	16	0	5.00E-04	5.00E-04	5.00E-04	0.00E+00	5.00E-04	5.00E-04
	789HIXD	789HIXF	0	16	0	4.02E-01	4.02E-01	4.02E-01	0.00E+00	4.02E-01	4.02E-01
	789HIXF	789HIXD	16	16	100	1.18E+03	1.73E+04	6.46E+03	5.87E+03	9.03E+03	9.03E+03
	789HIXD	789HIXF	6	16	38	7.00E-04	1.03E-02	2.58E-03	2.45E-03	3.66E-03	3.66E-03
	789HIXF	789HIXD	0	16	0	2.05E-02	2.05E-02	2.05E-02	0.00E+00	2.05E-02	2.05E-02
	789HIXD	789HIXF	0	16	0	1.65E-02	1.65E-02	1.65E-02	0.00E+00	1.65E-02	1.65E-02
	789HIXF	789HIXD	0	16	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	6.50E-02	6.50E-02
	789HIXD	789HIXF	0	16	0	3.55E-01	3.55E-01	3.55E-01	0.00E+00	3.55E-01	3.55E-01
	789HIXF	789HIXD	16	16	100	3.99E+00	1.51E+01	7.26E+00	2.84E+00	8.50E+00	8.50E+00
	789HIXD	789HIXF	0	16	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	3.25E-02	3.25E-02
	789HIXF	789HIXD	0	16	0	9.50E-02	9.50E-02	9.50E-02	0.00E+00	9.50E-02	9.50E-02
	789HIXD	789HIXF	0	16	0	2.20E-01	2.20E-01	2.20E-01	0.00E+00	2.20E-01	2.20E-01
	789HIXF	789HIXD	0	16	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	1.80E-01	1.80E-01
	789HIXD	789HIXF	0	16	0	2.40E-01	2.40E-01	2.40E-01	0.00E+00	2.40E-01	2.40E-01
	789HIXF	789HIXD	16	16	100	1.11E+01	1.34E+02	5.93E+01	4.96E+01	8.10E+01	8.10E+01
	789HIXD	789HIXF	0	16	0	2.05E-02	2.05E-02	2.05E-02	0.00E+00	2.05E-02	2.05E-02
	789HIXF	789HIXD	0	16	0	6.00E-01	6.00E-01	6.00E-01	0.00E+00	6.00E-01	6.00E-01
	789HIXD	789HIXF	0	16	0	1.55E-01	1.55E-01	1.55E-01	0.00E+00	1.55E-01	1.55E-01
	789HIXF	789HIXD	0	16	0	3.85E-03	3.85E-03	3.85E-03	0.00E+00	3.85E-03	3.85E-03
	789HIXD	789HIXF	0	16	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	9.00E-01	9.00E-01
	789HIXF	789HIXD	11	16	69	2.14E-01	8.23E-01	5.25E-01	2.39E-01	6.30E-01	6.30E-01
	789HIXD	789HIXF	7	16	44	3.50E-04	5.81E-03	1.03E-03	1.15E-03	1.54E-03	1.54E-03
	789HIXF	789HIXD	0	16	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	6.50E-02	6.50E-02
	789HIXD	789HIXF	0	16	0	1.55E+00	1.55E+00	1.55E+00	0.00E+00	1.55E+00	1.55E+00

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
RSA (cont.)	BGHPY	Benzo[ghi]perylene	1	16	6	9.00E-02	3.50E-01	1.06E-01	6.50E-02	1.35E-01	1.35E-01
	BKFANT	Benzo[k]fluoranthene	0	16	0	6.50E-02	6.50E-02	6.50E-02	0.00E+00	0.00E+00	6.50E-02
	BZALC	Benzy alcohol	0	16	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02
	CA	Calcium	16	16	100	1.28E+04	4.55E+04	2.77E+04	1.18E+04	3.29E+04	3.29E+04
	CD	Cadmium	0	16	0	6.00E-01	6.00E-01	6.00E-01	0.00E+00	0.00E+00	6.00E-01
	CHRY	Chrysene	0	16	0	1.60E-02	1.60E-02	1.60E-02	0.00E+00	0.00E+00	1.60E-02
	CL6BZ	Hexachlorobenzene	0	16	0	4.00E-02	4.00E-02	4.00E-02	0.00E+00	0.00E+00	4.00E-02
	CL6CP	Hexachlorocyclopentadiene	0	16	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01
	CL6ET	Hexachloroethane	0	16	0	9.00E-01	9.00E-01	9.00E-01	0.00E+00	0.00E+00	9.00E-01
	CLDAN	Chlordane	0	16	0	3.42E-02	3.42E-02	3.42E-02	0.00E+00	0.00E+00	3.42E-02
	CO	Cobalt	16	16	100	3.23E+00	7.74E+00	5.25E+00	1.37E+00	5.85E+00	5.85E+00
	CPMS	p-Chlorophenylmethyl sulfide	0	16	0	4.85E-02	4.85E-02	4.85E-02	0.00E+00	0.00E+00	4.85E-02
	CPMSO	p-Chlorophenylmethyl sulfoxide	0	16	0	1.60E-01	1.60E-01	1.60E-01	0.00E+00	0.00E+00	1.60E-01
	CPMSO2	p-Chlorophenylmethyl sulfone	0	16	0	3.30E-02	3.30E-02	3.30E-02	0.00E+00	0.00E+00	3.30E-02
	CR	Chromium	16	16	100	2.09E+00	2.26E+01	9.05E+00	7.54E+00	1.24E+01	1.24E+01
	CU	Copper	16	16	100	3.59E+00	3.90E+01	1.38E+01	7.94E+00	1.73E+01	1.73E+01
	CYN	Cyanide	0	16	0	1.25E-01	1.25E-01	1.25E-01	0.00E+00	0.00E+00	1.25E-01
	DBAHA	Dibenz[a,h]anthracene	0	16	0	1.55E-01	1.55E-01	1.55E-01	0.00E+00	0.00E+00	1.55E-01
	DBCP	Dibromochloropropane	0	16	0	3.55E-02	3.55E-02	3.55E-02	0.00E+00	0.00E+00	3.55E-02
	DBHC	delta-Hexachlorocyclohexane	0	16	0	4.25E-03	4.25E-03	4.25E-03	0.00E+00	0.00E+00	4.25E-03
	DBZFUR	Dibenzofuran	0	16	0	1.90E-01	1.90E-01	1.90E-01	0.00E+00	0.00E+00	1.90E-01
	DCPD	Dicyclopentadiene	0	16	0	2.85E-01	2.85E-01	2.85E-01	0.00E+00	0.00E+00	2.85E-01
	DDVP	Vapona	0	16	0	3.40E-02	3.40E-02	3.40E-02	0.00E+00	0.00E+00	3.40E-02
	DEP	Diethyl phthalate	3	16	19	1.20E-01	5.80E+00	5.91E-01	1.44E+00	1.22E+00	1.22E+00
	DITH	Dithiane	0	16	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	DLDRN	Dieldrin	1	16	6	8.00E-04	3.80E-03	9.88E-04	8.17E-04	1.35E-03	1.35E-03
	DMP	Dimethyl phthalate	0	16	0	3.15E-02	3.15E-02	3.15E-02	0.00E+00	0.00E+00	3.15E-02
	DNBP	Di-n-butyl phthalate	1	16	6	6.50E-01	1.60E+00	7.09E-01	2.38E-01	8.13E-01	8.13E-01
	DNOP	Di-n-octyl phthalate	0	16	0	1.15E-01	1.15E-01	1.15E-01	0.00E+00	0.00E+00	1.15E-01
	ENDRN	Endrin	0	16	0	3.25E-03	3.25E-03	3.25E-03	0.00E+00	0.00E+00	3.25E-03
	ENDRNA	Endrin aldehyde	1	16	6	2.50E-04	1.93E-03	3.55E-04	0.00E+00	3.55E-04	3.55E-04
	ENDRNK	Endrin ketone	1	16	6	2.50E-04	8.11E-04	2.85E-04	0.00E+00	2.85E-04	2.85E-04
	ESFSO4	Endosulfan sulfate	4	16	25	2.50E-04	1.43E-03	4.60E-04	0.00E+00	4.60E-04	4.60E-04
	FAMPHR	Famophos	0	16	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	FANT	Fluoranthene	1	16	6	1.60E-02	5.70E-02	1.86E-02	1.04E-02	2.31E-02	2.31E-02
	FE	Iron	16	16	100	2.15E+03	1.74E+04	7.86E+03	6.37E+03	1.07E+04	1.07E+04
	FLRENE	Fluorene	0	16	0	3.25E-02	3.25E-02	3.25E-02	0.00E+00	0.00E+00	3.25E-02
	GCLDAN	gamma-Chlordane	0	16	0	2.00E-03	2.00E-03	2.00E-03	0.00E+00	0.00E+00	2.00E-03
	HCB	Hexachlorobutadiene	0	16	0	4.85E-01	4.85E-01	4.85E-01	0.00E+00	0.00E+00	4.85E-01
	HG	Mercury	2	16	13	2.50E-02	6.97E-02	3.01E-02	1.42E-02	3.63E-02	3.63E-02
	HMX	Cyclotetramethylenetetramine	0	16	0	1.00E+00	1.00E+00	1.00E+00	0.00E+00	0.00E+00	1.00E+00

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test	Number	Analyte	Number of Defects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
RSA (cont.)	HPCL	16	Heptachlor	0	16	0	1.10E-03	1.10E-03	1.10E-03	0.00E+00	0.00E+00	1.10E-03
	HPCLE	16	Heptachlor epoxide	0	16	0	6.50E-04	6.50E-04	6.50E-04	0.00E+00	0.00E+00	6.50E-04
	ICDPYR	16	Indeno[1,2,3-C,D]pyrene	0	16	0	1.20E+00	1.20E+00	1.20E+00	0.00E+00	0.00E+00	1.20E+00
	ISODR	16	Isodrin	0	16	0	1.50E-03	1.50E-03	1.50E-03	0.00E+00	0.00E+00	1.50E-03
	ISOPHR	16	Isophorone	0	16	0	1.95E-01	1.95E-01	1.95E-01	0.00E+00	0.00E+00	1.95E-01
	K	16	Potassium	16	16	100	3.02E+02	6.09E+03	2.14E+03	2.16E+03	3.09E+03	3.09E+03
	KEP	16	Kepone	0	16	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01
	LIN	16	Lindane	0	16	0	5.00E-04	5.00E-04	5.00E-04	0.00E+00	0.00E+00	5.00E-04
	MEXCLR	16	Methoxychlor	0	16	0	1.80E-02	1.80E-02	1.80E-02	0.00E+00	0.00E+00	1.80E-02
	MG	16	Magnesium	16	16	100	1.03E+03	9.96E+03	4.16E+03	3.18E+03	5.55E+03	5.55E+03
	MIREX	16	Mirex	0	16	0	7.00E-02	7.00E-02	7.00E-02	0.00E+00	0.00E+00	7.00E-02
	MLTHN	16	Malathion	0	16	0	9.00E-02	9.00E-02	9.00E-02	0.00E+00	0.00E+00	9.00E-02
	MN	16	Manganese	16	16	100	3.80E+01	4.99E+02	1.73E+02	1.56E+02	2.41E+02	2.41E+02
	NA	16	Sodium	16	16	100	7.43E+01	5.94E+02	2.24E+02	1.41E+02	2.86E+02	2.86E+02
	NAP	16	Naphthalene	0	16	0	3.70E-01	3.70E-01	3.70E-01	0.00E+00	0.00E+00	3.70E-01
	NB	16	Nitrobenzene	0	16	0	5.70E-01	5.70E-01	5.70E-01	0.00E+00	0.00E+00	5.70E-01
	NI	16	Nickel	16	16	100	2.85E+00	1.48E+01	7.92E+00	4.84E+00	1.00E+01	1.00E+01
	NNDMEA	16	N-Nitrosodimethylamine	0	16	0	2.30E-01	2.30E-01	2.30E-01	0.00E+00	0.00E+00	2.30E-01
	NNDNPA	16	N-Nitrosodi-n-propylamine	0	16	0	5.50E-01	5.50E-01	5.50E-01	0.00E+00	0.00E+00	5.50E-01
	NNDPA	16	N-Nitrosodiphenylamine	0	16	0	1.45E-01	1.45E-01	1.45E-01	0.00E+00	0.00E+00	1.45E-01
	OCDD	16	Octachlorodibenzodioxin - nonspecific	1	16	6	4.70E-06	1.26E-03	1.66E-04	0.00E+00	1.66E-04	1.66E-04
	OCDF	16	Octachlorodibenzofuran - nonspecific	0	16	0	6.00E-06	1.78E-04	4.22E-05	0.00E+00	4.22E-05	1.78E-04
	OXAT	16	1,4-Oxathiane	0	16	0	3.75E-02	3.75E-02	3.75E-02	0.00E+00	0.00E+00	3.75E-02
	PB	15	Lead	15	16	94	3.72E+00	7.33E+01	1.96E+01	1.52E+01	2.63E+01	2.63E+01
	PCB016	16	PCB 1016	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB221	16	PCB 1221	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB232	16	PCB 1232	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB242	16	PCB 1242	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB248	16	PCB 1248	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB254	16	PCB 1254	0	16	0	5.00E-02	5.00E-02	5.00E-02	0.00E+00	0.00E+00	5.00E-02
	PCB260	16	PCB 1260	0	16	0	2.40E-02	2.40E-02	2.40E-02	0.00E+00	0.00E+00	2.40E-02
	PCB262	16	PCB 1262	0	16	0	2.40E-02	2.40E-02	2.40E-02	0.00E+00	0.00E+00	2.40E-02
	PCP	16	Pentachlorophenol	0	16	0	3.15E+00	3.15E+00	3.15E+00	0.00E+00	0.00E+00	3.15E+00
	PHANTR	16	Phenanthrene	0	16	0	3.80E-01	3.80E-01	3.80E-01	0.00E+00	0.00E+00	3.80E-01
	PHENOL	16	Phenol	1	16	6	1.60E-02	1.20E-01	2.25E-02	2.60E-02	3.39E-02	3.39E-02
	PPDDDD	16	ppDDD	0	16	0	2.60E-02	2.60E-02	2.60E-02	0.00E+00	0.00E+00	2.60E-02
	PPDDE	16	2,2-Bis(p-chlorophenyl)-1,1-dichloroethen	0	16	0	1.35E-03	1.35E-03	1.35E-03	0.00E+00	0.00E+00	1.35E-03
	PPDDT	16	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroeth	2	16	13	1.35E-03	1.35E-03	1.35E-03	0.00E+00	0.00E+00	1.35E-03
	PRTHN	16	Parathion	0	16	0	1.75E-03	6.67E-03	2.36E-03	1.63E-03	3.08E-03	3.08E-03
	PYR	16	Pyrene	0	16	0	8.50E-01	8.50E-01	8.50E-01	0.00E+00	0.00E+00	8.50E-01
	RDX	16	RDX / Cyclonite	2	16	13	4.15E-02	2.30E-01	6.32E-02	5.95E-02	8.93E-02	8.93E-02
		16		0	16	0	6.40E-01	6.40E-01	6.40E-01	0.00E+00	0.00E+00	6.40E-01

Summary Statistics for the RSA and TEAD SWMUs (Co-Located Soils) - ESA Basis (continued)

ESA	Test Number	Analyte	Number of Detects	Number of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term (ug/g)
RSA (cont.)	SB	Antimony	0	16	0	5.00E-01	5.00E-01	5.00E-01	0.00E+00	0.00E+00	5.00E-01
	SE	Selenium	0	16	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01
	SUPONA	Supona	0	16	0	4.60E-01	4.60E-01	4.60E-01	0.00E+00	0.00E+00	4.60E-01
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	16	0	4.05E-06	2.53E-05	1.14E-05	0.00E+00	1.14E-05	2.53E-05
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	16	0	1.00E-07	2.23E-05	8.85E-06	0.00E+00	8.85E-06	2.23E-05
	TETRYL	Tetryl	0	16	0	1.06E+00	1.06E+00	1.06E+00	0.00E+00	0.00E+00	1.06E+00
	TL	Thallium	0	16	0	1.72E+01	1.72E+01	1.72E+01	0.00E+00	0.00E+00	1.72E+01
	TXPHEN	Toxaphene	0	16	0	1.13E-01	1.13E-01	1.13E-01	0.00E+00	0.00E+00	1.13E-01
	V	Vanadium	16	16	100	2.32E+00	2.43E+01	9.84E+00	8.21E+00	1.34E+01	1.34E+01
	ZN	Zinc	16	16	100	8.32E+00	1.27E+02	3.36E+01	3.29E+01	4.80E+01	4.80E+01

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	ackrabbi	Fox	Plants	Soil Fauna
ESA-1	123TCB	1,2,3-Trichlorobenzene	ND ^(o)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.45E-04	1.56E-03	1.49E-04	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	7.08E-03	1.45E-04	1.56E-03	1.49E-04	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	7.08E-03	1.45E-04	1.56E-03	1.49E-04	ND	ND	ND
	14DCLB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	7.08E-03	1.45E-04	1.56E-03	1.49E-04	ND	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.97E+00	1.93E-02	5.10E-04	1.02E-03	1.02E-03	4.87E-01	1.33E-02	1.43E-01	1.36E-02	ND	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.61E+00	1.57E-02	4.13E-04	8.34E-04	8.34E-04	3.97E-01	1.09E-02	1.17E-01	1.11E-02	ND	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	8.85E-02	1.45E-03	1.56E-02	9.29E-04	ND	4.76E-01	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMPN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	4.33E-01	7.10E-03	7.64E-02	4.36E-03	ND	2.93E-03	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	3.28E-02	5.38E-04	5.79E-03	3.38E-04	ND	1.00E-03	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	1.86E-03	5.04E-05	5.43E-04	5.24E-05	ND	9.31E-03	1.55E-03
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	1.11E-03	3.02E-05	3.26E-04	3.10E-05	ND	ND	ND
	2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2MP	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	2.21E-03	6.05E-05	6.51E-04	6.19E-05	ND	ND	ND
	4NP	p-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	5.45E-02	5.31E-04	1.41E-05	2.81E-05	2.81E-05	1.34E-02	3.66E-04	3.94E-03	3.75E-04	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.22E-01	1.19E-03	3.15E-05	6.28E-05	6.28E-05	3.00E-02	8.20E-04	8.83E-03	8.39E-04	ND	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.04E-01	5.90E-03	1.56E-04	3.11E-04	3.11E-04	1.49E-01	4.07E-03	4.37E-02	4.16E-03	ND	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.72E-02	1.68E-04	4.45E-06	8.87E-06	8.87E-06	4.24E-03	1.16E-04	1.25E-03	1.18E-04	ND	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.34E-02	1.31E-04	3.46E-06	6.89E-06	6.89E-06	3.30E-03	9.00E-05	9.69E-04	9.21E-05	ND	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	5.83E-03	5.69E-05	1.51E-06	3.00E-06	3.00E-06	1.44E-03	3.92E-05	4.22E-04	4.01E-05	ND	ND	ND
	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.09E-02	2.04E-04	5.41E-06	1.08E-05	1.08E-05	5.16E-03	1.41E-04	1.52E-03	1.44E-04	ND	ND	ND
	789HXT	1,2,3,7,8,9-Hexachlorodibenzofuran												

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Kit	Plants	Soil
Number	Number			Kestrel	Horned Ow	Eagle	Eagle	Mouse	Deer	Fox		Fauna
ESA-I (cont.)	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.64E-01	6.48E-03	1.71E-04	3.42E-04	3.42E-04	1.64E-01	4.46E-03	4.80E-02	4.57E-03	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-furan	2.05E-02	2.00E-04	5.28E-06	1.05E-05	1.05E-05	5.04E-03	1.38E-04	1.48E-03	1.41E-04	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.20E+00	1.17E-02	3.10E-04	6.23E-04	6.23E-04	2.97E-01	8.11E-03	8.73E-02	8.30E-03	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzo-furan	1.59E-01	1.56E-03	4.12E-05	8.27E-05	8.27E-05	3.94E-02	1.08E-03	1.16E-02	1.10E-03	ND
	ABHC	alpha-Hexachlorocyclohexane	8.37E-03	8.17E-05	2.16E-06	4.33E-06	4.33E-06	ND	ND	ND	ND	ND
	ACLDAN	alpha-Chlordane	2.36E-03	2.30E-05	6.10E-07	1.22E-06	1.22E-06	1.71E-03	2.80E-05	3.02E-04	2.87E-05	ND
	AENSLF	Endosulfan I	1.20E-02	1.17E-04	3.09E-06	6.18E-06	6.18E-06	ND	ND	ND	ND	ND
	AG	Silver	2.31E-02	2.26E-04	5.98E-06	1.19E-05	1.19E-05	2.61E-04	3.43E-06	4.61E-05	4.39E-06	ND
	AL	Aluminum	ND	ND	ND	ND	ND	4.89E+00	1.00E-01	8.63E-01	1.03E-01	1.26E+01
	ALDRN	Aldrin	1.00E-02	9.80E-05	2.00E-06	5.19E-06	5.19E-06	6.20E-03	1.02E-04	1.09E-03	5.20E-05	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	7.98E-03	2.17E-04	2.33E-03	2.25E-04	5.78E-03
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	7.98E-03	2.17E-04	2.33E-03	2.25E-04	5.78E-03
	ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	1.60E-01	4.33E-03	4.66E-02	4.50E-03	8.00E-01
	AS	Arsenic	1.25E+00	1.22E-02	3.23E-04	6.46E-04	6.46E-04	1.70E-01	4.66E-03	5.01E-02	4.77E-03	2.44E+00
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	6.90E-01	6.73E-03	1.78E-04	3.57E-04	3.57E-04	2.60E-03	7.12E-05	7.66E-04	7.28E-05	ND
	BA	Barium	2.20E+00	2.14E-02	5.67E-04	1.13E-03	1.13E-03	6.64E-01	1.82E-02	1.96E-01	1.85E-02	5.94E-01
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	2.05E-03	5.37E-05	5.99E-04	5.79E-05	1.49E-03
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	2.39E-01	6.50E-03	7.00E-02	6.75E-03	6.00E-01
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	7.98E-02	2.17E-03	2.33E-02	2.25E-03	5.78E-02
	BBHC	beta-Hexachlorocyclohexane	2.30E-02	2.23E-04	5.95E-06	1.19E-05	1.19E-05	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	3.11E+00	3.03E-02	8.02E-04	1.60E-03	1.60E-03	1.17E-02	3.20E-04	3.45E-03	3.28E-04	4.50E-01
	BE	Beryllium	4.41E-03	4.30E-05	1.14E-06	2.28E-06	2.28E-06	3.72E-04	1.02E-05	1.09E-04	1.04E-05	5.96E-02
	BENSLF	Endosulfan II	3.96E-03	3.86E-05	1.02E-06	2.04E-06	2.04E-06	ND	ND	ND	ND	ND
	BENZID	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOZ	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHPPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	3.59E-02	9.75E-04	1.05E-02	1.01E-03	1.80E-01
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	6.12E-03	1.66E-04	1.79E-03	1.73E-04	3.07E-02
	BZALC	Benzyl alcohol	7.18E-01	7.00E-03	1.85E-04	3.71E-04	3.71E-04	4.26E-03	6.98E-05	3.00E-04	7.14E-05	ND
	CA	Calcium	5.76E+00	5.62E-02	1.49E-03	2.76E-03	2.76E-03	5.56E-02	1.51E-03	1.63E-02	1.55E-03	1.74E+00
	CD	Cadmium	ND	ND	ND	ND	ND	2.16E-03	5.86E-05	6.31E-04	6.09E-05	1.08E-02
	CHRY	Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	2.97E-02	2.90E-04	7.68E-06	1.54E-05	1.54E-05	2.15E-02	3.53E-04	3.80E-03	3.61E-04	ND
	CO	Cobalt	5.56E-03	5.42E-05	1.44E-06	2.87E-06	2.87E-06	7.20E-01	1.89E-02	2.03E-01	2.42E-02	3.25E-01
	CPNIS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPNISO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPNISO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	1.75E+01	1.71E-01	4.52E-03	9.04E-03	9.04E-03	7.02E-02	1.15E-03	1.24E-02	9.42E-04	4.23E-01

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Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test	Number	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	ackrabbl	Fox	Plants	Soil
Number					Kestrel	Horned Ow	Eagle	Eagle	Mouse	Deer				Fauna
ESA-1 (cont.)	CU		Copper	1.14E+00	1.11E-02	2.93E-04	5.87E-04	5.87E-04	4.94E-01	8.09E-03	8.71E-02	6.63E-03	8.75E-01	1.04E+00
	CYN		Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA		Dibenz[ah]anthracene	ND	ND	ND	ND	ND	7.98E-02	2.17E-03	2.33E-02	2.25E-03	4.00E-01	5.78E-02
	DBCP		Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC		delta-Hexachlorocyclohexane	2.54E-02	2.48E-04	6.57E-06	1.31E-05	1.31E-05	ND	ND	ND	ND	ND	ND
	DBZFOR		Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD		Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP		Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP		Diethyl phthalate	3.45E-01	3.37E-03	8.91E-05	1.78E-04	1.78E-04	1.30E-03	3.56E-05	3.83E-04	3.64E-05	5.00E-02	ND
	DITH		Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDRN		Dieldrin	7.72E-02	7.54E-04	1.53E-05	3.99E-05	3.99E-05	4.76E-02	7.81E-04	8.41E-03	4.00E-04	ND	1.08E-03
	DMP		Dimethyl phthalate	1.04E-01	1.01E-03	2.67E-05	5.35E-05	5.35E-05	3.91E-04	1.07E-05	1.15E-04	1.09E-05	1.50E-02	ND
	DNBP		Di-n-butyl phthalate	2.07E+00	2.02E-02	5.33E-04	1.07E-03	1.07E-03	7.81E-03	2.14E-04	2.30E-03	2.18E-04	1.50E-01	ND
	DNOP		Di-n-octyl phthalate	3.45E-01	3.37E-03	8.91E-05	1.78E-04	1.78E-04	1.30E-03	3.56E-05	3.83E-04	3.64E-05	2.50E-02	ND
	ENDRN		Endrin	2.29E+00	2.23E-02	5.91E-04	1.13E-03	1.13E-03	8.23E-04	1.35E-05	1.45E-04	1.38E-05	ND	ND
	ENDRNA		Endrin aldehyde	1.54E-01	1.50E-03	3.98E-05	7.59E-05	7.59E-05	5.54E-05	9.08E-07	9.77E-06	9.29E-07	ND	ND
	ENDRNK		Endrin ketone	1.71E-01	1.67E-03	4.41E-05	8.43E-05	8.43E-05	6.13E-05	1.01E-06	1.09E-05	1.03E-06	ND	ND
	ESFSO4		Endosulfan sulfate	5.98E-03	5.84E-05	1.55E-06	3.09E-06	3.09E-06	ND	ND	ND	ND	ND	ND
	FAMPHR		Famphos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT		Fluoranthene	2.02E-01	1.97E-01	5.22E-03	1.04E-02	1.04E-02	1.97E-03	5.35E-05	5.75E-04	5.55E-05	9.87E-03	1.43E-03
	FE		Iron	ND	ND	ND	ND	ND	4.94E+01	4.07E-01	4.38E+00	4.16E-01	ND	1.10E+01
	FLRENE		Fluorene	ND	ND	ND	ND	ND	1.20E-02	3.25E-04	3.50E-03	3.38E-04	6.00E-02	8.67E-03
	GCLDAN		gamma-Chlordano	4.48E-02	5.62E-04	1.49E-05	2.98E-05	2.98E-05	2.07E-03	3.40E-05	3.66E-04	3.48E-05	ND	ND
	HCB		Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG		Mercury	2.91E-02	2.83E-04	7.51E-06	1.50E-05	1.50E-05	2.72E-03	5.65E-05	6.08E-04	5.78E-05	3.37E-01	1.01E-01
	HMX		Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	1.21E-04	1.30E-03	1.24E-04	ND	ND
	HPCL		Heptachlor	2.63E-02	2.57E-04	6.80E-06	1.36E-05	1.36E-05	ND	ND	ND	ND	ND	ND
	HPCL		Heptachlor epoxide	1.55E-02	1.52E-04	4.02E-06	8.03E-06	8.03E-06	ND	ND	ND	ND	ND	ND
	ICDPYR		Indeno[1,2,3-C]Dipyrene	ND	ND	ND	ND	ND	4.02E-01	1.09E-02	1.17E-01	1.12E-02	2.00E+00	2.89E-01
	ISODR		Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR		Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K		Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP		Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN		Lindane	1.20E-02	1.17E-04	3.09E-06	6.18E-06	6.18E-06	ND	ND	ND	ND	ND	ND
	MEXCLR		Methoxychlor	6.46E-03	6.30E-05	1.67E-06	3.34E-06	3.34E-06	ND	ND	ND	ND	ND	ND
	MG		Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX		Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN		Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIN		Manganese	4.34E-01	4.24E-03	1.12E-04	2.24E-04	2.24E-04	9.89E-02	2.70E-03	2.91E-02	2.76E-03	4.96E-01	ND
	NA		Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP		Naphthalene	ND	ND	ND	ND	ND	1.60E-01	4.33E-03	4.66E-02	4.50E-03	8.00E-01	1.16E-01
	NB		Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	2.76E-04	2.97E-03	2.82E-04	ND	1.43E-02
	NI		Nickel	4.12E-01	4.02E-03	1.07E-04	2.13E-04	2.13E-04	1.41E-02	3.84E-04	4.13E-03	3.93E-04	6.69E-02	8.36E-02
	NNDNEA		N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA		N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test Number	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbi	Fox	Plants	Soil Fauna	
ESA-1 (cont.)	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	9.96E-05	2.72E-06	2.93E-05	2.79E-06	ND	ND	
	OCDD	Octachlorodibenzodioxin - nonspecific	1.39E-01	1.35E-03	3.59E-05	7.15E-05	7.15E-05	3.42E-02	9.34E-04	1.01E-02	9.56E-04	ND	ND	
	OCDF	Octachlorodibenzofuran - nonspecific	4.10E-02	4.00E-04	1.06E-05	2.11E-05	2.11E-05	1.01E-02	2.76E-04	2.97E-03	2.82E-04	ND	ND	
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	PB	Lead	2.29E+01	4.46E-02	5.91E-03	9.46E-03	9.46E-03	3.08E+00	8.38E-02	9.02E-01	8.58E-02	9.35E-01	7.62E-01	
	PCB016	PCB 1016	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03	
	PCB221	PCB 1221	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03	
	PCB232	PCB 1232	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03	
	PCB242	PCB 1242	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03	
	PCB248	PCB 1248	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03	
	PCB254	PCB 1254	8.61E-01	8.40E-03	2.22E-04	4.45E-04	4.45E-04	1.52E-02	3.17E-04	3.41E-03	2.97E-04	6.00E-03	1.00E-03	
	PCB260	PCB 1260	8.61E-01	8.40E-03	2.22E-04	4.45E-04	4.45E-04	1.52E-02	3.17E-04	3.41E-03	2.97E-04	6.00E-03	1.00E-03	
	PCB262	PCB 1262	5.38E+02	5.25E+00	1.39E-01	2.78E-01	2.78E-01	9.49E+00	1.98E-01	2.13E+00	1.86E-01	3.75E+00	6.25E-01	
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.23E-03	6.06E-05	6.53E-04	6.30E-05	1.12E-02	1.62E-03	
	PHENOL	Phenol	ND	ND	ND	ND	ND	6.64E-04	1.81E-05	1.95E-04	1.86E-05	ND	5.00E-02	
	PPDDD	ppDDD	2.24E-01	2.19E-03	5.80E-05	5.80E-05	2.32E-05	1.30E-04	2.67E-06	2.87E-05	2.73E-06	ND	1.56E-04	
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	6.44E-02	6.29E-04	1.66E-05	1.66E-05	6.66E-06	3.73E-05	7.67E-07	8.25E-06	7.84E-07	ND	4.49E-05	
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.12E-01	2.07E-03	5.47E-05	5.47E-05	2.19E-05	1.23E-04	2.52E-06	2.71E-05	2.58E-06	ND	1.48E-04	
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzo(def)phenanthrene	ND	ND	ND	ND	ND	4.54E-03	1.23E-04	1.33E-03	1.28E-04	2.28E-02	3.29E-03	
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	2.32E-03	2.50E-02	2.38E-03	ND	ND	
	SB	Antimony	ND	ND	ND	ND	ND	5.75E+00	1.57E-01	1.69E+00	1.61E-01	2.60E+01	ND	ND
SE	Selenium	4.14E-01	4.04E-03	1.07E-04	1.98E-04	1.98E-04	6.63E-02	1.36E-03	1.46E-02	1.39E-03	3.75E-01	5.35E-03		
SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ESA-2	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.27E+00	1.24E-02	3.29E-04	6.57E-04	6.57E-04	3.14E-01	8.57E-03	9.23E-02	8.77E-03	ND	ND	
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.95E-01	2.87E-03	7.61E-05	1.52E-04	1.52E-04	9.67E-02	1.98E-03	2.13E-02	2.03E-03	ND	ND	
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	TL	Thallium	4.92E+01	4.80E-01	1.27E-02	3.18E-02	3.18E-02	5.06E+00	1.24E-01	1.34E+00	1.27E-01	1.72E+01	ND	
	TXPHEN	Toxaphene	4.13E+00	4.03E-02	1.07E-03	2.13E-03	2.13E-03	ND	ND	ND	ND	ND	ND	
	V	Vanadium	ND	ND	ND	ND	ND	2.81E-01	3.64E-03	4.95E-02	4.62E-03	8.40E+00	ND	
	ZN	Zinc	5.05E+00	4.92E-02	1.30E-03	2.61E-03	2.61E-03	2.47E-01	3.24E-03	4.36E-02	4.15E-03	3.80E+00	9.49E-01	
	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCLB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	6.79E-06	4.12E-05	6.95E-06	ND	ND	
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCLB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	6.79E-06	4.12E-05	6.95E-06	ND	ND	

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Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test	Analyte	Passerlines	American	Great	Golden	Bald	Deer	Mule	ackrabbl	Fox	Plants	Soil
Number	Number			Kestrel	Horned Ow	Eagle	Eagle	Mouse	Deer				Fauna
ESA-2 (cont.)													
246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	ND	8.85E-02	3.23E-03	1.96E-02	2.07E-03	4.76E-01	ND
24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DMFN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	1.84E-01	6.74E-03	4.09E-02	4.14E-03	1.25E-03	ND
26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	3.28E-02	1.20E-03	7.27E-03	7.52E-04	1.00E-03	ND
2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	7.59E-03	4.59E-04	2.79E-03	4.77E-04	3.80E-02	5.50E-03
2MP	o-Cresol	ND	ND	ND	ND	ND	ND	2.17E-05	1.32E-06	8.01E-06	1.35E-06	ND	ND
2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4BRPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	5.31E-05	3.23E-06	1.96E-05	3.31E-06	ND	ND
4MP	p-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4NP	4-Nitrophenol	1.08E-01	2.34E-03	6.21E-05	1.24E-04	1.24E-04	1.24E-04	2.66E-02	1.62E-03	9.81E-03	1.65E-03	ND	ND
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.17E-02	2.54E-04	6.73E-06	1.34E-05	1.34E-05	1.34E-05	2.88E-03	1.75E-04	1.06E-03	1.79E-04	ND	ND
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.35E-01	2.93E-03	7.76E-05	1.55E-04	1.55E-04	1.55E-04	3.32E-02	2.02E-03	1.23E-02	2.07E-03	ND	ND
678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.38E-03	3.00E-05	7.95E-07	1.59E-06	1.59E-06	1.59E-06	3.40E-04	2.07E-05	1.26E-04	2.12E-05	ND	ND
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.08E-03	4.52E-05	1.20E-06	2.38E-06	2.38E-06	2.38E-06	5.12E-04	3.11E-05	1.89E-04	3.19E-05	ND	ND
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.57E-03	3.40E-05	9.01E-07	1.80E-06	1.80E-06	1.80E-06	3.86E-04	2.35E-05	1.42E-04	2.40E-05	ND	ND
789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.67E-03	3.62E-05	9.59E-07	1.91E-06	1.91E-06	1.91E-06	4.11E-04	2.50E-05	1.52E-04	2.56E-05	ND	ND
789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.59E-01	3.46E-03	9.16E-05	1.83E-06	1.83E-06	1.83E-06	3.92E-02	2.38E-03	1.45E-02	2.44E-03	ND	ND
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.60E-03	3.47E-05	9.19E-07	1.83E-06	1.83E-06	1.83E-06	3.93E-04	2.39E-05	1.45E-04	2.45E-05	ND	ND
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.17E+00	2.55E-02	6.76E-04	1.36E-03	1.36E-03	1.36E-03	2.90E-01	1.77E-02	1.07E-01	1.81E-02	ND	ND
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	5.54E-02	1.20E-03	3.19E-05	6.40E-05	6.40E-05	6.40E-05	1.37E-02	8.33E-04	5.05E-03	8.52E-04	ND	ND
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	8.37E-04	1.82E-05	4.82E-07	9.64E-07	9.64E-07	9.64E-07	ND	ND	ND	ND	ND	ND
ABHC	alpha-Hexachlorocyclohexane	2.00E-04	4.35E-06	1.15E-07	2.31E-07	2.31E-07	2.31E-07	1.45E-04	5.30E-06	3.22E-05	5.43E-06	ND	ND
ACLDAN	alpha-Chlordane	2.59E-03	5.64E-05	1.49E-06	2.99E-06	2.99E-06	2.99E-06	ND	ND	ND	ND	ND	ND
AENSLF	Endosulfan I	2.31E-02	5.03E-04	1.33E-05	2.65E-05	2.65E-05	2.65E-05	ND	ND	ND	ND	ND	ND
AG	Silver	ND	ND	ND	ND	ND	ND	2.61E-04	7.64E-06	5.79E-05	9.77E-06	2.01E-01	ND
AL	Aluminum	1.49E-03	3.23E-05	6.57E-07	1.71E-06	1.71E-06	1.71E-06	4.26E+00	1.94E-01	9.43E-01	1.99E-01	1.10E+01	2.86E-00
ALDRN	Aldrin	ND	ND	ND	ND	ND	ND	9.16E-04	3.35E-05	2.03E-04	1.71E-05	ND	ND
ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	ND	8.84E-02	5.35E-03	3.24E-02	5.55E-03	4.43E-01	6.40E-02
ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	ND	1.32E-04	7.96E-06	4.83E-05	8.27E-06	6.60E-04	9.54E-05
ANIL	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Kit	Plants	Soil
Number	Number			Kestrel	Horned	Ow	Eagle	Mouse	Deer	Fox		Fauna
ESA-2 (cont.)	ANTRC	Anthracene	ND	ND	ND	ND	ND	1.05E-01	6.36E-03	6.61E-03	5.27E-01	7.62E-02
	AS	Arenic	9.06E-01	1.97E-02	5.21E-04	1.04E-03	1.04E-03	1.23E-01	7.52E-03	4.56E-02	1.77E+00	2.95E-01
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CLIE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	3.60E-04	9.33E-06	1.91E-05	1.91E-05	6.25E-05	3.80E-06	2.31E-05	2.40E-03	ND
	BA	Barium	1.24E+00	2.70E-02	7.14E-04	1.43E-03	1.43E-03	3.75E-01	2.29E-02	1.39E-01	3.35E-01	ND
	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.48E-01	8.97E-03	5.45E-02	9.32E-03	3.72E-01
	BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	1.51E-01	9.12E-03	5.54E-02	9.48E-03	3.78E-01
	BBFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	1.50E-01	9.07E-03	5.51E-02	9.42E-03	7.52E-01
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	5.00E-05	1.32E-06	2.65E-06	2.65E-06	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	1.33E-03	3.57E-05	7.15E-05	7.15E-05	2.34E-04	1.43E-05	8.66E-05	1.46E-05	9.00E-03
	BE	Beryllium	2.72E-03	5.91E-05	1.57E-06	3.13E-06	3.13E-06	2.30E-04	1.40E-05	8.49E-05	1.43E-05	3.68E-02
	BENSLF	Endosulfan II	3.95E-03	8.59E-05	2.28E-06	4.55E-06	4.55E-06	ND	ND	ND	ND	ND
	BENZID	Benidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOZ	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHPPY	Benzo[ghi]perylene	ND	ND	ND	ND	ND	8.93E-02	5.40E-03	3.28E-02	5.61E-03	4.48E-01
	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.48E-01	8.95E-03	5.43E-02	9.30E-03	7.42E-01
	BZALC	Benzyl alcohol	1.15E-02	2.50E-04	6.61E-06	1.32E-05	1.32E-05	6.81E-05	2.49E-06	6.04E-06	2.55E-06	ND
	CA	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CD	Cadmium	5.75E+00	1.25E-01	3.31E-03	6.15E-03	6.15E-03	5.56E-02	3.37E-03	2.05E-02	3.45E-03	1.74E+00
	CHRY	Chrysene	ND	ND	ND	ND	ND	2.95E-01	1.79E-02	1.09E-01	1.86E-02	2.61E-01
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.14E-01
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	3.80E-03	8.26E-05	2.19E-06	4.37E-06	4.37E-06	2.75E-03	1.01E-04	6.10E-04	1.03E-04	ND
	CO	Cobalt	4.40E-03	9.55E-05	2.53E-06	5.06E-06	5.06E-06	5.69E-01	3.33E-02	2.02E-01	4.26E-02	2.57E-01
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CR	Chromium	1.13E+01	2.45E-01	6.49E-03	1.30E-02	1.30E-02	4.52E-02	1.65E-03	1.00E-02	1.35E-03	2.72E-01
	CU	Copper	9.71E+00	2.11E-01	5.59E-03	1.12E-02	1.12E-02	4.22E+00	1.54E-01	9.35E-01	1.26E-01	7.48E+00
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	4.51E-02	2.73E-03	1.65E-02	2.83E-03	2.26E-01
	DBCP	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	2.54E-03	5.52E-05	1.46E-06	2.93E-06	2.93E-06	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DEP	Diethyl phthalate	8.28E-03	1.80E-04	4.77E-06	9.53E-06	9.53E-06	3.12E-05	1.90E-06	1.15E-05	1.95E-06	1.20E-03
	DITH	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DLDNR	Dieldrin	8.93E-03	1.94E-04	3.95E-06	1.03E-05	1.03E-05	5.51E-03	2.01E-04	1.22E-03	1.03E-04	ND
	DNIP	Dimethyl phthalate	2.17E-03	4.72E-05	1.25E-06	2.50E-06	2.50E-06	8.20E-06	4.99E-07	3.03E-06	5.11E-07	3.15E-04
	DNBP	Di-n-butyl phthalate	4.49E-02	9.75E-04	2.58E-05	5.16E-05	5.16E-05	1.69E-04	1.03E-05	6.25E-05	1.05E-05	3.25E-03

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Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Kitt	Plants	Soil
Number	Number											
ESA-2 (cont.)	DNOP	Di-n-octyl phthalate	7.94E-03	1.72E-04	4.57E-06	9.13E-06	9.13E-06	2.99E-05	1.82E-06	1.11E-05	5.75E-04	ND
	ENDRN	Endrin	3.33E-01	7.24E-03	1.92E-04	3.66E-04	3.66E-04	1.20E-04	4.38E-06	2.66E-05	4.48E-06	ND
	ENDRNA	Endrin aldehyde	2.63E-02	5.71E-04	1.51E-05	2.89E-05	2.89E-05	9.46E-06	3.46E-07	2.10E-06	3.34E-07	ND
	ENDRNK	Endrin ketone	1.07E-01	2.32E-03	6.14E-05	1.17E-04	1.17E-04	3.84E-05	1.40E-06	8.51E-06	1.44E-06	ND
	ESFSO4	Endosulfan sulfate	8.43E-04	1.83E-05	4.85E-07	9.70E-07	9.70E-07	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	ND	ND	ND	ND	ND	2.95E-01	1.79E-02	1.09E-01	1.48E-00	2.14E-01
	FE	Iron	3.57E+01	7.76E-01	2.06E-02	4.11E-02	4.11E-02	2.64E+01	1.61E+00	9.75E+00	1.64E+00	1.94E+01
	FLRENE	Fluorene	ND	ND	ND	ND	ND	5.90E-02	3.57E-03	2.17E-02	3.71E-03	4.27E-02
	GCLDAN	gamma-Chlordane	3.29E-03	9.19E-05	2.43E-06	4.87E-06	4.87E-06	1.52E-04	5.56E-06	3.37E-05	5.69E-06	ND
	HCB	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HG	Mercury	5.34E-02	1.16E-03	3.07E-05	6.15E-05	6.15E-05	4.99E-03	2.32E-04	1.41E-03	2.37E-04	1.86E-01
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	4.43E-03	2.69E-04	1.64E-03	2.76E-04	ND
	HPCL	Heptachlor	5.43E-03	1.18E-04	3.13E-06	6.25E-06	6.25E-06	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.73E-03	3.76E-05	9.96E-07	1.99E-06	1.99E-06	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C ₁]pyrene	ND	ND	ND	ND	ND	9.68E-02	5.83E-03	3.54E-02	4.81E-01	6.95E-02
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	2.60E-05	6.88E-07	1.38E-06	1.38E-06	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	1.40E-05	3.71E-07	7.41E-07	7.41E-07	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	4.19E-01	9.12E-03	2.41E-04	4.83E-04	4.83E-04	9.55E-02	5.81E-03	3.53E-02	5.94E-03	4.79E-01
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	3.18E-02	1.92E-03	1.17E-02	2.00E-03	2.30E-02
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	6.14E-04	3.73E-03	6.29E-04	1.43E-02
	NI	Nickel	3.29E-01	7.15E-03	1.89E-04	3.79E-04	3.79E-04	1.12E-02	6.83E-04	4.15E-03	6.99E-04	6.67E-02
	NNDMA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	1.76E-07	1.07E-06	1.80E-07	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	1.93E-01	4.20E-03	1.11E-04	2.22E-04	2.22E-04	4.76E-02	2.89E-03	1.76E-02	2.96E-03	ND
	OCDF	Octachlorodibenzofuran - nonspecific	7.66E-03	1.67E-04	4.41E-06	8.79E-06	8.79E-06	1.89E-03	1.15E-04	6.97E-04	1.17E-04	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.91E+01	8.32E-02	1.10E-02	1.77E-02	1.77E-02	2.58E+00	1.56E-01	9.49E-01	1.60E-01	6.38E-01
	PCB016	PCB 1016	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	2.08E-04
	PCB221	PCB 1221	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	2.08E-04
	PCB232	PCB 1232	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	2.08E-04
	PCB242	PCB 1242	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	2.08E-04
	PCB248	PCB 1248	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	2.08E-04
	PCB254	PCB 1254	8.59E-02	1.87E-03	4.95E-05	9.89E-05	9.89E-05	1.51E-03	7.04E-05	4.27E-04	6.61E-05	9.98E-05
	PCB260	PCB 1260	8.59E-02	1.87E-03	4.95E-05	9.89E-05	9.89E-05	1.51E-03	7.04E-05	4.27E-04	6.61E-05	9.98E-05
	PCB262	PCB 1262	1.13E+01	2.46E-01	6.50E-03	1.30E-02	1.30E-02	1.99E-01	9.26E-03	5.62E-02	8.69E-03	1.31E-02

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Kit	Plants	Soil Fauna
Number	Number												
ESA-2 (cont.)	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.89E-01	3.57E-02	2.16E-01	3.71E-02	2.96E+00	4.27E-01
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	7.01E-07	4.25E-06	7.17E-07	ND	8.67E-04
	PPDDD	ppDDD	1.73E-02	3.77E-04	9.97E-06	9.97E-06	3.99E-06	1.00E-05	4.59E-07	2.79E-06	4.70E-07	ND	1.21E-05
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	4.55E-02	9.90E-04	2.62E-05	2.62E-05	1.05E-05	2.64E-05	1.21E-06	7.33E-06	1.24E-06	ND	3.17E-05
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	8.06E-02	1.75E-03	4.64E-05	4.64E-05	1.86E-05	4.67E-05	2.14E-06	1.30E-05	2.19E-06	ND	5.62E-05
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Benzof(d)phenanthrene	ND	ND	ND	ND	ND	5.90E-01	3.57E-02	2.17E-01	3.71E-02	2.96E+00	4.28E-01
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	5.17E-03	3.14E-02	5.30E-03	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	3.30E-01	2.01E-02	1.22E-01	2.06E-02	1.49E+00	ND
	SE	Selenium	3.51E-01	7.63E-03	2.02E-04	3.75E-04	3.75E-04	5.63E-02	2.57E-03	1.56E-02	2.63E-03	3.18E-01	4.54E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.29E+00	2.81E-02	7.43E-04	1.48E-03	1.48E-03	3.18E-01	1.94E-02	1.17E-01	1.98E-02	ND	ND
	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1.02E-01	2.22E-03	5.87E-05	1.17E-04	1.17E-04	3.35E-02	1.53E-03	9.27E-03	1.56E-03	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	1.07E+00	2.83E-02	7.08E-02	7.08E-02	5.06E+00	2.77E-01	1.68E+00	2.84E-01	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	8.81E-03	2.33E-04	4.67E-04	4.67E-04	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.45E-01	7.08E-03	5.43E-02	8.99E-03	7.33E+00	ND
	ZN	Zinc	8.06E+00	1.75E-01	4.64E-03	9.27E-03	9.27E-03	3.95E-01	1.15E-02	8.75E-02	1.47E-02	6.06E+00	1.52E+00
RSA	123TCB	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	124TCB	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12DCB	1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-05	4.12E-05	1.86E-04	ND	ND
	12DPH	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	13DCB	1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.49E-04	1.49E-05	4.12E-05	1.86E-04	ND	ND
	13DNB	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14DCB	1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1.20E-04	1.20E-05	3.34E-05	1.50E-04	ND	ND
	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	8.36E-01	4.73E-02	1.69E-02	3.36E-02	3.36E-02	2.06E-01	2.74E-02	7.61E-02	3.43E-01	ND	ND
	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.14E+00	1.21E-01	4.33E-02	8.68E-02	8.68E-02	5.30E-01	7.06E-02	1.96E-01	8.83E-01	ND	ND
	236TCP	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	245TCP	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TCP	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DCLP	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DMFN	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNP	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	1.84E-01	1.48E-02	4.09E-02	1.11E-01	1.25E-03	ND
	26DNA	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	2.62E-03	7.27E-03	2.01E-02	1.00E-03	ND
	2CLP	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2CNAP	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NNAP	2-Nethylnaphthalene	ND	ND	ND	ND	ND	1.86E-04	2.46E-05	6.82E-05	3.12E-04	9.32E-04	1.35E-04
	2NP	o-Cresol	ND	ND	ND	ND	ND	-2.17E-05	2.89E-06	8.01E-06	3.61E-05	ND	ND
	2NANIL	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2NP	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	ackrabbl	Fox	Plants	Soil Fauna
RSA (cont.)	33DCBD	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NANIL	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3NT	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	46DN2C	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4BRPPE	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CANIL	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CL3C	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4CLPPE	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4MP	p-Cresol	ND	ND	ND	ND	ND	5.31E-05	7.08E-06	1.96E-05	8.85E-05	ND	ND	ND
	4NANIL	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4NP	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.51E-02	8.52E-04	3.04E-04	6.05E-04	6.05E-04	3.71E-03	4.94E-04	1.37E-03	6.17E-03	ND	ND	ND
	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5.99E-02	3.39E-03	1.21E-03	2.41E-03	2.41E-03	1.48E-02	1.97E-03	5.45E-03	2.46E-02	ND	ND	ND
	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.58E-01	1.46E-02	5.21E-03	1.04E-02	1.04E-02	6.37E-02	8.48E-03	2.35E-02	1.06E-01	ND	ND	ND
	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7.28E-03	3.82E-04	1.47E-04	2.93E-04	2.93E-04	1.79E-03	2.39E-04	6.62E-04	2.99E-03	ND	ND	ND
	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	6.75E-03	3.82E-04	1.36E-04	2.71E-04	2.71E-04	1.66E-03	2.21E-04	6.13E-04	2.77E-03	ND	ND	ND
	789HDX	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.41E-03	1.36E-04	4.85E-05	9.68E-05	9.68E-05	5.93E-04	7.90E-05	2.19E-04	9.87E-04	ND	ND	ND
	789HXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	9.71E-03	5.49E-04	1.96E-04	3.91E-04	3.91E-04	2.39E-03	3.19E-04	8.83E-04	3.98E-03	ND	ND	ND
	789HDX	1,2,3,7,8,9-Hexachlorodibenzofuran	2.59E-01	1.47E-02	5.22E-03	1.04E-02	1.04E-02	6.38E-02	8.50E-02	2.36E-02	1.06E-01	ND	ND	ND
	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8.42E-03	4.76E-04	1.70E-04	3.38E-04	3.38E-04	2.07E-03	2.76E-04	7.65E-04	3.45E-03	ND	ND	ND
	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.38E+00	7.79E-02	2.77E-02	5.57E-02	5.57E-02	3.40E-01	4.53E-02	1.26E-01	5.66E-01	ND	ND	ND
	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.24E-01	1.27E-02	4.53E-03	9.09E-03	9.09E-03	5.54E-02	7.39E-03	2.05E-02	9.24E-02	ND	ND	ND
	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	8.37E-04	4.74E-05	1.69E-05	3.38E-05	3.38E-05	7.38E-05	5.90E-06	1.64E-05	7.37E-05	ND	ND	ND
	ABHC	alpha-Hexachlorocyclohexane	1.02E-04	5.76E-06	2.05E-06	4.11E-06	4.11E-06	7.38E-05	5.90E-06	1.64E-05	7.37E-05	ND	ND	ND
	ACLDAN	alpha-Chlordane	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND	ND
	AENSLF	Endosulfan I	2.31E-02	1.31E-03	4.67E-04	9.30E-04	9.30E-04	2.61E-04	1.67E-05	5.79E-05	2.61E-04	2.01E-01	ND	ND
	AG	Silver	ND	ND	ND	ND	ND	4.80E+00	4.80E-01	1.06E+00	5.99E+00	1.24E+01	3.23E+00	ND
	AL	Aluminum	5.25E-03	2.97E-04	8.14E-05	2.12E-04	2.12E-04	3.24E-03	2.59E-04	7.17E-04	1.62E-03	ND	ND	ND
	ALDRN	Aldrin	ND	ND	ND	ND	ND	1.64E-04	2.17E-05	6.00E-05	2.75E-04	8.20E-04	1.18E-04	ND
	ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	1.32E-04	1.74E-05	4.83E-05	2.21E-04	6.60E-04	9.54E-05	ND
	ANAPYL	Acenaphthylene	ND	ND	ND	ND	ND	2.83E-03	3.75E-04	1.04E-03	4.76E-03	1.42E-02	2.05E-03	ND
	ANIL	Aniline	ND	ND	ND	ND	ND	5.93E-02	7.92E-03	2.20E-02	9.90E-02	8.50E-01	1.42E-01	ND
	ANTRC	Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	AS	Arsenic	4.36E-01	2.47E-02	8.79E-03	1.76E-02	1.76E-02	ND	ND	ND	ND	ND	ND	ND
	ATZ	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B2CEXM	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	6.25E-05	8.33E-06	2.31E-05	1.04E-04	2.40E-03	ND	ND
	B2CIPE	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	1.81E-01	2.42E-02	6.71E-02	3.01E-01	1.62E-01	ND	ND
	B2CLEE	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	1.64E-04	2.17E-05	6.00E-05	2.75E-04	8.20E-04	1.18E-04	ND
	B2EHP	Bis(2-ethylhexyl) phthalate	1.66E-02	9.37E-04	3.34E-04	6.68E-04	6.68E-04	4.79E-03	6.34E-04	1.76E-03	8.04E-03	1.20E-02	3.47E-03	ND
	BA	Barium	6.00E-01	3.39E-02	1.21E-02	2.42E-02	2.42E-02	ND	ND	ND	ND	ND	ND	ND
	BAANTR	Benzofuranthracene	ND	ND	ND	ND	ND	1.24E-03	1.64E-04	4.54E-04	2.08E-03	6.20E-03	8.96E-04	ND
	BAPYR	Benzofluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BBFANT	Benzofluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BBHC	beta-Hexachlorocyclohexane	2.30E-03	1.30E-04	4.64E-05	9.29E-05	9.29E-05	ND	ND	ND	ND	ND	ND	ND
	BBZP	Butylbenzyl phthalate	6.21E-02	3.51E-03	1.25E-03	2.50E-03	2.50E-03	2.34E-04	3.12E-05	8.66E-05	3.90E-04	9.00E-03	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU	Test	Analyte	Passerlines	American	Great	Golden	Bald	Deer	Mule	ackrabbl	Fox	Plants	Soil
Number	Number			Kestrel	Horned	Eagle	Eagle	Mouse	Deer				Fauna
RSA (cont.)	BE	Beryllium	4.66E-03	2.64E-04	9.40E-05	1.88E-04	1.88E-04	3.94E-04	5.25E-05	1.45E-04	6.56E-04	6.30E-02	ND
	BENSLF	Endosulfan II	3.68E-03	2.08E-04	7.42E-05	1.48E-04	1.48E-04	ND	ND	ND	ND	ND	ND
	BENZID	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BENZOA	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BGHIPY	Benzophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	BKFANT	Benzophenone	1.15E-02	6.50E-04	2.32E-04	4.63E-04	4.63E-04	6.81E-05	5.45E-06	6.04E-06	6.81E-05	ND	ND
	BZALC	Benzyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CA	Calcium	6.62E-01	3.75E-02	1.34E-02	2.48E-02	2.48E-02	6.40E-03	8.50E-04	2.36E-03	1.06E-02	2.00E-01	3.00E-02
	CD	Cadmium	ND	ND	ND	ND	ND	1.28E-04	1.69E-05	4.69E-05	2.14E-04	6.40E-04	9.23E-05
	CHRY	Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6BZ	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6CP	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CL6ET	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CLDAN	Chlordane	1.74E-03	9.83E-05	3.51E-05	7.02E-05	7.02E-05	1.26E-03	1.01E-04	2.80E-04	1.26E-03	ND	ND
	CO	Cobalt	5.00E-03	2.83E-04	1.01E-04	2.02E-04	2.02E-04	6.47E-01	8.28E-02	2.30E-01	1.29E+00	2.92E-01	ND
	CPMS	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CPMSO2	p-Chlorophenylmethyl sulfone	6.82E+00	3.86E-01	1.37E-01	2.75E-01	2.75E-01	2.73E-02	2.19E-03	6.06E-03	2.19E-02	1.65E-01	3.09E+01
	CR	Chromium	2.25E-01	1.27E-02	4.53E-03	9.06E-03	9.06E-03	9.76E-02	7.81E-03	2.16E-02	7.81E-02	1.73E-01	2.07E-01
	CU	Copper	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CYN	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBAHA	Dibenz[ah]anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBCP	Dibromochloropropane	2.54E-03	1.44E-04	5.13E-05	1.03E-04	1.03E-04	ND	ND	ND	ND	ND	ND
	DBHC	delta-Hexachlorocyclohexane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DCPD	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DDVP	Vapona	8.45E-02	4.78E-03	1.70E-03	3.41E-03	3.41E-03	3.19E-04	4.23E-05	1.18E-04	5.31E-04	1.22E-02	ND
	DEP	Diethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	DITH	Dithiane	1.93E-03	1.09E-04	3.00E-05	7.79E-05	7.79E-05	1.19E-03	9.53E-05	2.64E-04	5.95E-04	ND	2.69E-05
	DLDRN	Dieldrin	2.17E-03	1.23E-04	4.38E-05	8.77E-05	8.77E-05	8.20E-06	1.09E-06	3.03E-06	1.37E-05	3.15E-04	ND
	DMP	Dimethyl phthalate	5.61E-02	3.18E-03	1.13E-03	2.26E-03	2.26E-03	2.12E-04	2.82E-05	7.83E-05	3.53E-04	4.07E-03	ND
	DNBP	Di-n-butyl phthalate	7.94E-03	4.49E-04	1.60E-04	3.20E-04	3.20E-04	2.99E-05	3.99E-06	1.11E-05	4.99E-05	ND	ND
	DNOP	Di-n-octyl phthalate	2.22E-01	1.26E-02	4.48E-03	8.55E-03	8.55E-03	7.99E-05	6.39E-06	1.77E-05	7.99E-05	ND	ND
	ENDRN	Endrin	2.43E-02	1.37E-03	4.89E-04	9.34E-04	9.34E-04	8.73E-06	6.98E-07	1.94E-06	8.73E-06	ND	ND
	ENDRNA	Endrin aldehyde	1.95E-02	1.10E-03	3.93E-04	7.50E-04	7.50E-04	7.01E-06	5.61E-07	1.55E-06	7.01E-06	ND	ND
	ENDRNK	Endrin ketone	1.10E-03	6.22E-05	2.22E-05	4.43E-05	4.43E-05	ND	ND	ND	ND	ND	ND
	ESFSO4	Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FAMPHR	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	FANT	Fluoranthene	1.96E+01	1.11E+00	3.95E-01	7.91E-01	7.91E-01	1.45E+01	1.93E+00	5.33E+00	2.40E+01	9.25E-04	1.34E-04
	FE	Iron	ND	ND	ND	ND	ND	2.59E-04	3.44E-05	9.52E-05	4.36E-04	1.30E-03	1.07E+01
	FLRENE	Fluorene	1.59E-03	1.16E-04	4.13E-05	8.27E-05	8.27E-05	7.38E-05	5.90E-06	1.64E-05	7.37E-05	ND	ND
	GCLDAN	gamma-Chlordane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HCBID	Hexachlorobutadiene	1.04E-02	5.90E-04	2.10E-04	4.21E-04	4.21E-04	9.75E-04	9.90E-05	2.74E-04	1.24E-03	1.21E-01	3.63E-02
	HG	Mercury	ND	ND	ND	ND	ND	4.43E-03	5.90E-04	1.64E-03	7.37E-03	ND	ND
	HMX	Cyclotetramethylenetetranitramine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbl	Fox	Plants	Soil Fauna
RSA (cont.)	HPCL	Heptachlor	2.63E-03	1.49E-04	5.31E-05	1.06E-04	1.06E-04	ND	ND	ND	ND	ND	ND
	HPCLE	Heptachlor epoxide	1.55E-03	8.80E-05	3.14E-05	6.27E-05	6.27E-05	ND	ND	ND	ND	ND	ND
	ICDPYR	Indeno[1,2,3-C]dipylene	ND	ND	ND	ND	ND	9.66E-03	1.27E-03	3.53E-03	1.59E-02	4.80E-02	6.94E-03
	ISODR	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ISOPHR	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	K	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	KEP	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	LIN	Lindane	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
	MEXCLR	Methoxychlor	6.44E-04	3.64E-05	1.30E-05	2.60E-05	2.60E-05	ND	ND	ND	ND	ND	ND
	MG	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MIREX	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MLTHN	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MN	Manganese	4.22E-01	2.39E-02	8.51E-03	1.70E-02	1.70E-02	9.61E-02	1.28E-02	3.55E-02	1.60E-01	4.82E-01	ND
	NA	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NAP	Naphthalene	ND	ND	ND	ND	ND	2.95E-03	3.91E-04	1.08E-03	4.90E-03	1.48E-02	2.14E-03
	NB	Nitrobenzene	ND	ND	ND	ND	ND	1.33E-02	1.35E-03	3.73E-03	1.68E-02	ND	1.43E-02
	NI	Nickel	2.48E-01	1.40E-02	4.99E-03	9.98E-03	9.98E-03	8.44E-03	1.12E-03	3.12E-03	1.41E-02	4.02E-02	5.02E-02
	NNDMEA	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDNPA	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	NNDPA	N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	2.89E-06	3.85E-07	1.07E-06	4.81E-06	ND	ND
	OCDD	Octachlorodibenzodioxin - nonspecific	1.79E-02	1.01E-03	3.62E-04	7.21E-04	7.21E-04	4.42E-03	5.88E-04	1.63E-03	7.33E-03	ND	ND
	OCDF	Octachlorodibenzofuran - nonspecific	1.92E-02	1.09E-03	3.87E-04	7.72E-04	7.72E-04	4.73E-03	6.30E-04	1.75E-03	7.87E-03	ND	ND
	OXAT	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PB	Lead	1.30E+00	1.47E-02	2.63E-02	4.21E-02	4.21E-02	1.75E-01	2.33E-02	6.46E-02	2.91E-01	5.33E-02	4.34E-02
	PCB016	PCB 1016	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB221	PCB 1221	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB232	PCB 1232	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB242	PCB 1242	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB248	PCB 1248	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB254	PCB 1254	8.59E-02	4.86E-03	1.73E-03	3.47E-03	3.47E-03	1.51E-03	1.54E-04	4.27E-04	1.77E-03	5.99E-04	9.98E-05
	PCB260	PCB 1260	8.59E-02	4.86E-03	1.73E-03	3.47E-03	3.47E-03	1.51E-03	1.54E-04	4.27E-04	1.77E-03	5.99E-04	9.98E-05
	PCB262	PCB 1262	1.13E+01	6.39E-01	2.28E-01	4.56E-01	4.56E-01	1.99E-01	2.03E-02	5.62E-02	2.32E-01	7.88E-02	1.31E-02
	PCP	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.70E-04	3.58E-05	9.92E-05	4.54E-04	1.36E-03	1.96E-04
	PHENOL	Phenol	ND	ND	ND	ND	ND	1.15E-05	1.53E-06	4.25E-06	1.92E-05	ND	8.67E-04
	PPDDD	ppDDD	9.69E-03	5.48E-04	1.95E-04	1.95E-04	7.81E-05	5.61E-06	5.62E-07	1.56E-06	7.03E-06	ND	6.75E-06
	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	9.69E-03	5.48E-04	1.95E-04	1.95E-04	7.81E-05	5.61E-06	5.62E-07	1.56E-06	7.03E-06	ND	6.75E-06
	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.21E-02	1.25E-03	4.46E-04	4.46E-04	1.78E-04	1.28E-05	1.28E-06	3.55E-06	1.60E-05	ND	1.54E-05
	PRTHN	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PYR	Pyrene	ND	ND	ND	ND	ND	7.12E-04	9.44E-05	2.61E-04	1.20E-03	3.57E-03	5.16E-04
	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	8.09E-02	1.13E-02	3.14E-02	1.42E-01	ND	ND
	SB	Antimony	ND	ND	ND	ND	ND	2.21E-02	2.95E-03	8.18E-03	3.69E-02	1.00E-01	ND
	SE	Selenium	2.48E-01	1.40E-02	5.00E-03	9.28E-03	9.28E-03	3.98E-02	3.97E-03	1.10E-02	4.97E-02	2.25E-01	3.21E-03
	SUPONA	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.73E+00	1.54E-01	5.49E-02	1.10E-01	1.10E-01	6.71E-01	8.94E-02	2.48E-01	1.12E+00	ND	ND

Final Hazard Quotients for the TEAD SWMUs and RSA (Co-located Soil Samples) - ESA Basis (continued)

SWMU Number	Test Number	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	ackrabbl	Fox	Plants	Soil Fauna
RSA (cont.)	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.40E-01	1.36E-02	4.84E-03	9.65E-03	9.63E-03	7.88E-02	7.88E-03	2.18E-02	9.84E-02	ND	ND
	TETRYL	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	TL	Thallium	4.92E+01	2.79E+00	9.93E-01	2.48E+00	2.48E+00	5.06E+00	6.07E-01	1.68E+00	7.59E+00	1.72E+01	ND
	TXPHEN	Toxaphene	4.05E-01	2.29E-02	8.18E-03	1.64E-02	1.64E-02	ND	ND	ND	ND	ND	ND
	V	Vanadium	ND	ND	ND	ND	ND	2.24E-01	1.42E-02	4.97E-02	2.20E-01	6.72E+00	ND
	ZN	Zinc	1.28E+00	7.22E-02	2.58E-02	5.15E-02	5.15E-02	6.26E-02	4.00E-03	1.39E-02	6.23E-02	9.61E-01	2.40E-01

*No toxicity data.

Summary Statistics for Biota-ESA Basis

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
ESA-1	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	1	100	7.83E+00	7.83E+00	7.83E+00	0.00E+00	0	7.83E+00	7.83E-06
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	1	0	1.70E-01	1.70E-01	1.70E-01	0.00E+00	0	1.70E-01	1.70E-07
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	1	0	1.57E-01	1.57E-01	1.57E-01	0.00E+00	0	1.57E-01	1.57E-07
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	1	0	5.50E-02	5.50E-02	5.50E-02	0.00E+00	0	5.50E-02	5.50E-08
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	1	0	2.32E-01	2.32E-01	2.32E-01	0.00E+00	0	2.32E-01	2.32E-07
	Beetle	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1	1	100	1.05E+00	1.05E+00	1.05E+00	0.00E+00	0	1.05E+00	1.05E-06
	Beetle	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	1	0	2.50E-02	2.50E-02	2.50E-02	0.00E+00	0	2.50E-02	2.50E-08
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	1	0	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0	2.40E-01	2.40E-07
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	1	0	8.35E-02	8.35E-02	8.35E-02	0.00E+00	0	8.35E-02	8.35E-08
	Beetle	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	1	0	1.39E-01	1.39E-01	1.39E-01	0.00E+00	0	1.39E-01	1.39E-07
	Beetle	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	1	0	1.05E-01	1.05E-01	1.05E-01	0.00E+00	0	1.05E-01	1.05E-07
	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	1	0	1.85E-01	1.85E-01	1.85E-01	0.00E+00	0	1.85E-01	1.85E-07
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	1	0	1.35E-01	1.35E-01	1.35E-01	0.00E+00	0	1.35E-01	1.35E-07
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	1	0	1.45E-01	1.45E-01	1.45E-01	0.00E+00	0	1.45E-01	1.45E-07
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	1	0	6.60E-02	6.60E-02	6.60E-02	0.00E+00	0	6.60E-02	6.60E-08
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2	2	100	2.00E+01	4.30E+01	3.15E+01	1.63E+01	1.04E+02	4.30E+01	4.30E-02
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2	2	100	7.80E+00	1.40E+01	1.09E+01	4.38E+00	3.05E+01	1.40E+01	1.40E-02
	Beetle	AG	Silver	0	2	0	4.17E-02	4.19E-02	4.18E-02	0.00E+00	4.18E-02	4.19E-02	4.19E-02
	Beetle	AL	Aluminum	2	2	100	6.92E+01	1.17E+02	9.31E+01	3.38E+01	2.44E+02	1.17E+02	1.17E+02
	Beetle	AS	Arsenic	2	2	100	2.30E+00	2.80E+00	2.55E+00	3.54E-01	4.13E+00	2.80E+00	2.80E+00
	Beetle	BA	Barium	2	2	100	3.50E+00	5.70E+00	4.60E+00	1.56E+00	1.15E+01	5.70E+00	5.70E+00
	Beetle	BE	Beryllium	0	2	0	2.00E-03	2.00E-03	2.00E-03	0.00E+00	0.00E+00	2.00E-03	2.00E-03
	Beetle	CD	Cadmium	2	2	100	2.80E-01	4.40E-01	3.60E-01	1.13E-01	8.65E-01	4.40E-01	4.40E-01
	Beetle	CO	Cobalt	2	2	100	1.20E-01	1.50E-01	1.35E-01	2.14E-02	2.31E-01	1.50E-01	1.50E-01
	Beetle	CR	Chromium	2	2	100	3.60E-01	4.80E-01	4.20E-01	8.49E-02	7.99E-01	4.80E-01	4.80E-01
	Beetle	CU	Copper	2	2	100	8.40E+00	1.22E+01	1.03E+01	2.69E+00	2.23E+01	1.22E+01	1.22E+01
	Beetle	FE	Iron	2	2	100	9.47E+01	1.48E+02	1.21E+02	3.77E+01	2.90E+02	1.48E+02	1.48E+02
	Beetle	HG	Mercury	2	2	100	2.00E-02	3.00E-02	2.50E-02	7.75E-03	5.96E-02	3.00E-02	3.00E-02
	Beetle	MN	Manganese	2	2	100	9.20E+00	1.13E+01	1.03E+01	1.48E+00	1.69E+01	1.13E+01	1.13E+01
	Beetle	NI	Nickel	2	2	100	4.80E-01	8.80E-01	6.80E-01	2.83E-01	1.94E+00	8.80E-01	8.80E-01
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	0	1	0	5.34E-01	5.34E-01	5.34E-01	0.00E+00	0.00E+00	5.34E-01	5.34E-07
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	0	1	0	6.50E-01	6.50E-01	6.50E-01	0.00E+00	0.00E+00	6.50E-01	6.50E-07
	Beetle	PB	Lead	2	2	100	2.50E+00	3.90E+00	3.20E+00	9.90E-01	7.62E+00	3.90E+00	3.90E+00
	Beetle	SB	Antimony	1	2	50	9.72E-02	5.90E-01	3.44E-01	3.48E-01	1.90E+00	5.90E-01	5.90E-01
	Beetle	SE	Selenium	2	2	100	1.70E-01	1.70E-01	1.70E-01	0.00E+00	0.00E+00	1.70E-01	1.70E-01
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	0	1	0	2.58E-01	2.58E-01	2.58E-01	0.00E+00	0.00E+00	2.58E-01	2.58E-07
	Beetle	THPCDF	Total heptachlorodibenzofurans	0	1	0	1.96E-01	1.96E-01	1.96E-01	0.00E+00	0.00E+00	1.96E-01	1.96E-07
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	0	1	0	1.50E-01	1.50E-01	1.50E-01	0.00E+00	0.00E+00	1.50E-01	1.50E-07
	Beetle	THCDF	Total hexachlorodibenzofurans	0	1	0	9.85E-02	9.85E-02	9.85E-02	0.00E+00	0.00E+00	9.85E-02	9.85E-08
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	1	1	100	2.93E-01	2.93E-01	2.93E-01	0.00E+00	0.00E+00	2.93E-01	2.93E-07
	Beetle	TPCDF	Total pentachlorodibenzofurans	0	1	0	8.50E-01	8.50E-01	8.50E-01	0.00E+00	0.00E+00	8.50E-01	8.50E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	CTerm (mg/kg)
ESA-1 (cont.)	Beetle	TTCCDD	Total tetrachlorodibenzo-p-dioxins	0	1	0	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	2.60E-01	2.60E-07
	Beetle	TTCCDF	Total tetrachlorodibenzofurans	0	1	0	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0.00E+00	2.40E-01	2.40E-07
	Beetle	V	Vanadium	2	2	100	1.70E-01	2.40E-01	2.05E-01	4.96E-02	4.26E-01	2.40E-01	2.40E-01
	Beetle	ZN	Zinc	2	2	100	5.35E-01	5.69E+01	5.52E+01	2.40E+00	6.95E+01	5.69E+01	5.69E+01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	3	0	2.10E-01	2.60E-01	2.30E-01	2.65E-02	2.75E-01	2.60E-01	2.60E-07
	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	3	0	9.55E-02	1.14E-01	1.07E-01	9.75E-03	1.23E-01	1.14E-01	1.14E-07
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	3	0	8.80E-02	1.29E-01	1.06E-01	2.07E-02	1.41E-01	1.29E-01	1.29E-07
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	3	0	6.35E-02	9.30E-02	7.72E-02	1.48E-02	1.02E-01	9.30E-02	9.30E-08
	Grasshopper	78HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	3	0	1.30E-01	1.55E-01	1.45E-01	1.32E-02	1.67E-01	1.55E-01	1.55E-07
	Grasshopper	678HDX	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	3	0	8.60E-02	1.26E-01	1.03E-01	2.05E-02	1.38E-01	1.26E-01	1.26E-07
	Grasshopper	78HXF	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	3	0	4.75E-02	7.00E-02	5.80E-02	1.12E-02	7.68E-02	7.00E-02	7.00E-08
	Grasshopper	78PCDD	1,2,3,6,7,8-Hexachlorodibenzofuran	0	3	0	8.70E-02	1.31E-01	1.05E-01	2.29E-02	1.44E-01	1.31E-01	1.31E-07
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	3	0	5.50E-02	8.50E-02	6.90E-02	1.52E-02	9.46E-02	8.50E-02	8.50E-08
	Grasshopper	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	3	0	7.75E-02	1.14E-01	9.35E-02	1.87E-02	1.25E-01	1.14E-01	1.14E-07
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	3	0	6.05E-02	8.90E-02	7.38E-02	1.43E-02	9.80E-02	8.90E-02	8.90E-08
	Grasshopper	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	0	3	0	7.10E-02	1.35E-01	9.80E-02	3.32E-02	1.54E-01	1.35E-01	1.35E-07
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	0	3	0	5.00E-02	7.80E-02	6.30E-02	1.41E-02	8.68E-02	7.80E-02	7.80E-08
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	3	0	5.20E-02	8.00E-02	6.48E-02	1.41E-02	8.87E-02	8.00E-02	8.00E-08
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	3	0	4.60E-02	7.00E-02	5.68E-02	1.22E-02	7.75E-02	7.00E-02	7.00E-08
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2	3	67	4.30E-01	1.70E+00	1.08E+00	6.35E-01	2.15E+00	1.70E+00	1.70E-03
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-trichloroethane	1	3	33	2.15E-01	1.20E+00	5.43E-01	5.69E-01	1.50E+00	1.20E+00	1.20E-03
	Grasshopper	AG	Silver	0	3	0	4.14E-02	4.18E-02	4.16E-02	0.00E+00	4.16E-02	4.18E-02	4.18E-02
	Grasshopper	AL	Aluminum	3	3	100	1.37E+01	1.63E+01	1.53E+01	1.42E+00	1.77E+01	1.63E+01	1.63E-01
	Grasshopper	AS	Arsenic	0	3	0	9.05E-02	9.50E-02	9.29E-02	2.24E-03	9.67E-02	9.50E-02	9.50E-02
	Grasshopper	BA	Barium	3	3	100	1.10E+00	1.50E+00	1.33E+00	2.08E-01	1.68E+00	1.50E+00	1.50E+00
	Grasshopper	BE	Beryllium	0	3	0	1.95E-03	2.00E-03	1.98E-03	0.00E+00	1.98E-03	2.00E-03	2.00E-03
	Grasshopper	CD	Cadmium	3	3	100	2.90E-01	3.60E-01	3.27E-01	3.51E-02	3.86E-01	3.60E-01	3.60E-01
	Grasshopper	CO	Cobalt	0	3	0	3.26E-02	3.28E-02	3.27E-02	0.00E+00	3.27E-02	3.28E-02	3.28E-02
	Grasshopper	CR	Chromium	3	3	100	1.70E-01	2.20E-01	1.97E-01	2.51E-02	2.39E-01	2.20E-01	2.20E-01
	Grasshopper	CU	Copper	3	3	100	2.15E+01	2.42E+01	2.26E+01	1.44E+00	2.50E+01	2.42E+01	2.42E+01
	Grasshopper	FE	Iron	3	3	100	2.94E+01	3.40E+01	3.24E+01	2.63E+00	3.69E+01	3.40E+01	3.40E+01
	Grasshopper	HG	Mercury	3	3	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02
	Grasshopper	MN	Manganese	0	3	0	1.97E+00	1.99E+00	1.98E+00	7.75E-03	1.99E+00	1.99E+00	1.99E+00
	Grasshopper	NI	Nickel	3	3	100	7.50E-01	7.90E-01	7.73E-01	2.07E-02	8.08E-01	7.90E-01	7.90E-01
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	0	3	0	4.08E-01	1.10E+00	8.36E-01	3.74E-01	1.47E+00	1.10E+00	1.10E-06
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	0	3	0	2.11E-01	3.35E-01	2.87E-01	6.69E-02	4.00E-01	3.35E-01	3.35E-07
	Grasshopper	PB	Lead	3	3	100	3.60E-01	5.70E-01	4.37E-01	1.16E-01	6.32E-01	5.70E-01	5.70E-01
	Grasshopper	SB	Antimony	0	3	0	1.00E-01	1.05E-01	1.03E-01	2.24E-03	1.07E-01	1.05E-01	1.05E-01
	Grasshopper	SE	Selenium	3	3	100	1.20E-01	1.90E-01	1.47E-01	3.79E-02	2.11E-01	1.90E-01	1.90E-01
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	1	3	33	1.80E-01	7.14E-01	3.69E-01	2.99E-01	8.73E-01	7.14E-01	7.14E-07
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	0	3	0	1.10E-01	1.31E-01	1.23E-01	1.12E-02	1.42E-01	1.31E-01	1.31E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	CTerm (mg/kg)
ESA-1 (cont.)	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	1	3	33	7.50E-02	1.23E-01	1.04E-01	2.53E-02	1.46E-01	1.23E-01	1.23E-07
	Grasshopper	THCDF	Total hexachlorodibenzofurans	2	3	67	1.35E-01	2.97E-01	2.43E-01	9.33E-02	1.40E-01	2.97E-01	2.97E-07
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	0	3	0	8.70E-02	1.31E-01	1.05E-01	2.29E-02	4.40E-01	1.31E-01	1.31E-07
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	0	3	0	4.00E-02	8.15E-02	6.18E-02	2.09E-02	9.70E-02	8.15E-02	8.15E-08
	Grasshopper	TTCCDD	Total tetrachlorodibenzo-p-dioxins	0	3	0	3.50E-02	8.00E-02	5.92E-02	2.26E-02	9.72E-02	8.00E-02	8.00E-08
	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	0	3	0	4.60E-02	7.00E-02	5.68E-02	1.22E-02	7.75E-02	7.00E-02	7.00E-08
	Grasshopper	V	Vanadium	0	3	0	3.45E-02	3.48E-02	3.47E-02	0.00E+00	3.47E-02	3.48E-02	3.48E-02
	Grasshopper	ZN	Zinc	3	3	100	5.88E+01	6.03E+01	5.94E+01	9.29E-01	6.10E+01	6.05E+01	6.05E+01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2	4	50	2.45E-01	1.78E+00	7.73E-01	6.92E-01	1.59E+00	1.59E+00	1.59E+06
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2	4	50	1.16E-01	6.31E-01	3.46E-01	2.33E-01	6.21E-01	6.21E-01	6.21E-07
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	4	0	1.08E-01	3.71E-01	1.97E-01	1.18E-01	3.36E-01	3.71E-01	3.71E-07
	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	4	0	5.35E-02	2.02E-01	1.03E-01	6.74E-02	1.82E-01	2.02E-01	2.02E-07
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	4	0	1.18E-01	3.32E-01	1.99E-01	9.33E-02	3.08E-01	3.32E-01	3.32E-07
	Gumweed	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	4	0	9.05E-02	3.11E-01	1.65E-01	9.90E-02	2.81E-01	3.11E-01	3.11E-07
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	4	0	4.30E-02	1.62E-01	8.24E-02	5.38E-02	1.46E-01	1.62E-01	1.62E-07
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	4	0	7.20E-02	2.31E-01	1.27E-01	7.13E-02	2.11E-01	2.31E-01	2.31E-07
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	4	0	3.85E-02	1.58E-01	7.95E-02	5.35E-02	1.42E-01	1.58E-01	1.58E-07
	Gumweed	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	4	0	9.80E-02	3.37E-01	1.79E-01	1.07E-01	3.05E-01	3.37E-01	3.37E-07
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	4	0	5.75E-02	2.17E-01	1.10E-01	7.22E-02	1.95E-01	2.17E-01	2.17E-07
	Gumweed	246TNT	2,4,6-Trinitrotoluene	0	4	0	6.00E+03	7.00E+03	6.75E+03	5.00E+02	7.34E+03	7.00E+03	7.00E+00
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	4	0	1.10E+03	1.10E+03	1.10E+03	0.00E+00	0.00E+00	1.10E+03	1.10E+00
	Gumweed	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	0	4	0	1.45E-01	1.94E-01	1.67E-01	2.09E-02	1.91E-01	1.94E-01	1.94E-07
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	0	4	0	3.75E-02	1.53E-01	7.68E-02	5.16E-02	1.37E-01	1.53E-01	1.53E-07
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	4	25	3.35E-02	9.01E-01	7.60E-02	6.39E-02	1.51E-01	1.71E-01	1.71E-07
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	4	0	4.20E-02	3.40E+01	3.04E-01	4.01E-01	7.76E-01	7.76E-07	7.76E-07
	Gumweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	4	0	3.40E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	4	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Gumweed	AG	Silver	0	4	0	7.87E-02	7.90E-02	7.89E-02	0.00E+00	7.89E-02	7.90E-02	7.90E-02
	Gumweed	AL	Aluminum	2	4	50	4.01E+01	1.48E+02	9.11E+01	5.90E-01	1.60E+02	1.48E+02	1.48E+02
	Gumweed	AS	Arsenic	2	4	50	3.15E-01	9.30E-01	5.73E-01	3.08E-01	9.35E-01	9.30E-01	9.30E-01
	Gumweed	BA	Barium	4	4	100	1.12E+01	3.09E+01	1.78E+01	8.90E+00	2.83E+01	2.83E+01	2.83E+01
	Gumweed	BE	Beryllium	0	4	0	3.00E-03	3.00E-03	3.00E-03	0.00E+00	0.00E+00	3.00E-03	3.00E-03
	Gumweed	BAANTR	Benzo(a)anthracene	0	4	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BKFANT	Benzo(k)fluoranthene	0	4	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CD	Cadmium	2	4	50	2.01E-01	2.30E+00	7.89E-01	1.01E+00	1.98E+00	1.98E+00	1.98E+00
	Gumweed	CHRY	Chrysene	2	4	50	3.45E-01	2.60E+00	1.12E+00	1.06E+00	2.37E+00	2.37E+00	2.37E-03
	Gumweed	CO	Cobalt	3	4	75	3.90E-02	1.30E-01	8.48E-02	3.74E-02	1.29E-01	1.29E-01	1.29E-01
	Gumweed	CR	Chromium	4	4	100	2.80E-01	4.80E-01	3.55E-01	8.82E-02	4.59E-01	4.59E-01	4.59E-01
	Gumweed	CU	Copper	4	4	100	9.10E+00	9.90E+00	9.53E+00	3.30E-01	9.91E+00	9.90E+00	9.90E+00
	Gumweed	FE	Iron	4	4	100	6.25E+01	1.39E+02	1.04E+02	3.59E+01	1.47E+02	1.39E+02	1.39E+02
	Gumweed	FANT	Fluoranthene	4	4	100	3.90E+00	1.40E+01	7.00E+00	4.70E+00	1.25E+01	1.25E+01	1.25E-02

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	CTerm (mg/kg)
ESA-I (cont.)	Gumweed	HG	Mercury	0	4	0	9.80E-03	1.00E-02	9.88E-03	0.00E+00	9.88E-03	1.00E-02	1.00E-02
	Gumweed	MN	Manganese	4	4	100	6.30E+00	2.81E+01	1.96E+01	9.77E+00	1.11E+01	2.81E+01	2.81E+01
	Gumweed	NI	Nickel	4	4	100	4.00E-01	1.10E+00	6.18E-01	3.25E-01	1.00E+00	1.00E+00	1.00E+00
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	3	4	75	5.37E-01	1.06E+01	4.91E+00	4.91E+00	9.83E+00	9.83E+00	9.83E+00
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	1	4	25	2.38E-01	8.81E-01	4.75E-01	2.83E-01	8.10E-01	8.10E-01	8.10E-01
	Gumweed	PB	Lead	4	4	100	1.90E+00	3.12E+01	9.43E+00	1.45E+01	2.65E+01	2.65E+01	2.65E+01
	Gumweed	PHANTR	Phenanthrene	4	4	100	2.10E+01	6.90E+01	3.50E+01	2.28E+01	6.18E+01	6.18E+01	6.18E+01
	Gumweed	PYR	Pyrene	4	4	100	1.90E+00	8.10E+00	3.83E+00	2.87E+00	7.21E+00	7.21E+00	7.21E+00
	Gumweed	RDX	RDX / Cyclonite	0	4	0	3.60E+03	3.95E+03	3.86E+03	1.75E+02	4.07E+03	3.95E+03	3.95E+03
	Gumweed	SB	Antimony	0	4	0	1.63E-01	1.63E-01	1.65E-01	0.00E+00	1.65E-01	1.65E-01	1.65E-01
	Gumweed	SE	Selenium	1	4	25	2.79E-01	8.50E-01	4.23E-01	2.83E-01	7.58E-01	7.58E-01	7.58E-01
	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	3	4	75	2.45E-01	3.79E+00	1.95E+00	1.75E+00	4.00E+00	3.79E+00	3.79E+00
	Gumweed	THPCDF	Total heptachlorodibenzofurans	3	4	75	1.44E-01	6.31E-01	4.59E-01	2.29E-01	7.28E-01	6.31E-01	6.31E-01
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	1	4	25	9.80E-02	3.80E-01	2.41E-01	1.38E-01	4.04E-01	3.80E-01	3.80E-01
	Gumweed	THCDF	Total hexachlorodibenzofurans	3	4	75	1.91E-01	3.38E-01	2.84E-01	6.51E-02	3.60E-01	3.38E-01	3.38E-01
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	0	4	0	7.20E-02	2.31E-01	1.27E-01	7.13E-02	2.11E-01	2.31E-01	2.31E-01
	Gumweed	TPCDF	Total pentachlorodibenzofurans	1	4	25	1.05E-01	6.19E-01	2.56E-01	2.43E-01	5.42E-01	5.42E-01	5.42E-01
	Gumweed	TTCDD	Total tetrachlorodibenzo-p-dioxins	2	4	50	3.35E-02	3.37E-01	1.76E-01	1.24E-01	3.22E-01	3.22E-01	3.22E-01
	Gumweed	TTCDF	Total tetrachlorodibenzofurans	3	4	75	1.31E-01	1.78E+00	6.39E-01	7.69E-01	1.54E+00	1.54E+00	1.54E+00
	Gumweed	V	Vanadium	2	4	50	5.38E-02	1.90E-01	1.17E-01	7.33E-02	2.03E-01	1.90E-01	1.90E-01
	Gumweed	ZN	Zinc	4	4	100	2.32E+01	3.93E+01	3.01E+01	7.72E+00	3.91E+01	3.91E+01	3.91E+01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	15	15	100	5.53E-01	3.07E+01	6.44E+00	7.86E+00	1.00E+01	1.00E+01	1.00E+01
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	9	15	60	4.90E-02	1.03E+01	1.48E+00	2.71E+00	2.71E+00	2.71E+00	2.71E+00
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3	15	20	4.10E-02	6.26E-01	1.59E-01	1.46E-01	2.25E-01	2.25E-01	2.25E-01
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	6	15	40	3.20E-02	6.10E-01	1.69E-01	1.59E-01	2.41E-01	2.41E-01	2.41E-01
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	1	15	7	3.40E-02	3.96E-01	1.31E-01	1.02E-01	1.77E-01	1.77E-01	1.77E-01
	Jackrabbit	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5	15	33	3.45E-02	1.10E+00	2.92E-01	3.23E-01	4.39E-01	4.39E-01	4.39E-01
	Jackrabbit	678HDXF	1,2,3,6,7,8-Hexachlorodibenzofuran	4	15	27	2.35E-02	2.99E-01	1.05E-01	1.00E-01	1.50E-01	1.50E-01	1.50E-01
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	15	7	3.10E-02	2.07E-01	8.41E-02	4.30E-02	1.04E-01	1.04E-01	1.04E-01
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	1.80E-02	1.33E-01	4.78E-02	2.80E-02	6.05E-02	1.33E-01	1.33E-01
	Jackrabbit	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4	15	27	4.45E-02	8.69E-01	1.96E-01	2.33E-01	3.02E-01	3.02E-01	3.02E-01
	Jackrabbit	789HDXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	2.35E-02	1.84E-01	7.10E-02	3.84E-02	8.84E-02	1.84E-01	1.84E-01
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	15	0	6.00E+02	6.00E+02	6.00E+02	0.00E+00	0.00E+00	6.00E+02	6.00E+02
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	11	15	73	4.85E-02	8.33E-01	3.36E-01	2.34E-01	4.43E-01	4.43E-01	4.43E-01
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	1	15	7	1.90E-02	1.97E-01	5.78E-02	4.74E-02	7.94E-02	7.94E-02	7.94E-02
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0	15	0	1.90E-02	1.30E-01	5.11E-02	2.68E-02	6.33E-02	1.30E-01	1.30E-01
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3	15	20	3.35E-02	1.20E+00	4.86E-02	2.77E-02	6.12E-02	6.12E-02	6.12E-02
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	0	15	0	1.00E+01	1.00E+01	1.00E+01	0.00E+00	0.00E+00	1.00E+01	1.00E+01
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	1.83E-01	1.86E-01	1.84E-01	0.00E+00	1.84E-01	1.86E-01	1.86E-01
	Jackrabbit	AG	Silver	0	15	0	1.83E-01	1.86E-01	1.84E-01	0.00E+00	1.84E-01	1.86E-01	1.86E-01
	Jackrabbit	AL	Aluminum	15	15	100	8.60E+00	2.81E+01	1.95E+01	5.32E+00	2.20E+01	2.20E+01	2.20E+01

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C _{Term}	C _{Term} (mg/kg)
ESA-1 (cont.)	Jackrabbit	AS	Arsenic	0	15	0	1.23E-01	1.35E-01	1.30E-01	3.96E-03	1.32E-01	1.35E-01	1.35E-01
	Jackrabbit	BA	Barium	5	15	33	2.18E+00	8.20E+00	3.21E+00	1.73E+00	4.00E+00	4.00E+00	4.00E+00
	Jackrabbit	BE	Beryllium	0	15	0	1.95E-03	2.00E-03	1.98E-03	0.00E+00	1.98E-03	2.00E-03	2.00E-03
	Jackrabbit	BAANTR	Benzofluranthene	4	15	27	2.45E-01	3.10E+00	6.66E-01	8.60E-01	1.06E+00	1.06E+00	1.06E-03
	Jackrabbit	BKFANT	Benzofluranthene	4	15	27	2.50E-01	3.10E+00	6.77E-01	8.42E-01	1.06E+00	1.06E+00	1.06E-03
	Jackrabbit	CD	Cadmium	8	15	53	5.61E-02	4.20E-01	1.23E-01	9.49E-02	1.68E-01	1.68E-01	1.68E-01
	Jackrabbit	CHRY	Chrysene	10	15	67	2.80E-01	6.50E+00	1.47E+00	1.73E+00	2.26E+00	2.26E+00	2.26E-03
	Jackrabbit	CO	Cobalt	3	15	20	2.65E-02	8.00E-02	3.47E-02	1.71E-02	4.25E-02	4.25E-02	4.25E-02
	Jackrabbit	CR	Chromium	15	15	100	3.20E-01	4.40E-01	3.81E-01	3.49E-02	3.97E-01	3.97E-01	3.97E-01
	Jackrabbit	CU	Copper	15	15	100	3.60E+00	3.14E+01	1.26E+01	8.76E+00	1.66E+01	1.66E+01	1.66E+01
	Jackrabbit	FE	Iron	15	15	100	7.49E-01	1.88E+02	1.09E+02	2.93E+01	1.23E+02	1.23E+02	1.23E+02
	Jackrabbit	FANT	Fluoranthene	7	15	47	4.30E-01	7.70E+00	1.63E+00	2.20E+00	2.66E+00	2.66E+00	2.66E-03
	Jackrabbit	HG	Mercury	14	15	93	1.45E-03	1.00E-02	8.48E-03	2.80E-03	9.76E-03	9.76E-03	9.76E-03
	Jackrabbit	MN	Manganese	15	15	100	1.90E+00	4.20E+00	2.99E+00	7.91E-01	3.35E+00	3.35E+00	3.35E+00
	Jackrabbit	NI	Nickel	14	15	93	4.93E-02	4.40E-01	2.36E-01	9.36E-02	2.79E-01	2.79E-01	2.79E-01
	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	15	15	100	1.53E+00	1.91E+02	3.42E+01	5.82E+01	6.06E+01	6.06E+01	6.06E-05
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	6	15	40	4.35E-02	1.25E+01	2.06E+00	3.51E+00	3.65E+00	3.65E+00	3.65E-06
	Jackrabbit	PB	Lead	15	15	100	1.80E+00	4.03E+02	7.59E+01	1.13E+02	1.27E+02	1.27E+02	1.27E+02
	Jackrabbit	PHANTR	Phenanthrene	13	15	87	1.85E-01	4.50E+00	1.69E+00	1.34E+00	2.30E+00	2.30E+00	2.30E-03
	Jackrabbit	PYR	Pyrene	12	15	80	1.95E-01	8.90E+00	1.87E+00	2.55E+00	3.03E+00	3.03E+00	3.03E-03
	Jackrabbit	SB	Antimony	2	15	13	2.14E-01	6.70E-01	2.66E-01	1.27E-01	3.23E-01	3.23E-01	3.23E-01
	Jackrabbit	SE	Selenium	0	15	0	1.14E-01	1.25E-01	1.20E-01	3.59E-03	1.22E-01	1.25E-01	1.25E-01
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	15	15	100	5.53E-01	3.12E+01	6.71E+00	7.95E+00	1.03E+01	1.03E+01	1.03E-05
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	11	15	73	6.00E-02	1.03E+01	1.80E+00	2.74E+00	3.04E+00	3.04E+00	3.04E-06
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	6	15	40	4.70E-02	2.60E+00	4.88E-01	7.35E-01	8.22E-01	8.22E-01	8.22E-07
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	11	15	73	4.70E-02	2.15E+00	6.38E-01	6.18E-01	9.19E-01	9.19E-01	9.19E-07
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	1	15	7	3.10E-02	2.07E-01	8.41E-02	4.30E-02	1.04E-01	1.04E-01	1.04E-07
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	1	15	7	1.95E-02	1.97E-01	6.22E-02	4.80E-02	8.41E-02	8.41E-02	8.41E-08
	Jackrabbit	TTCCDD	Total tetrachlorodibenzo-p-dioxins	1	15	7	2.20E-02	1.30E-01	5.36E-02	2.53E-02	6.50E-02	6.50E-02	6.50E-08
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	1	15	7	1.90E-02	1.13E-01	4.86E-02	2.77E-02	6.12E-02	6.12E-02	6.12E-08
	Jackrabbit	V	Vanadium	0	15	0	2.75E-02	2.80E-02	2.77E-02	0.00E+00	2.77E-02	2.80E-02	2.80E-02
	Jackrabbit	ZN	Zinc	15	15	100	1.89E+01	2.41E+01	2.19E+01	1.53E+00	2.26E+01	2.26E+01	2.26E+01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5	14	36	1.07E-01	1.70E+00	5.95E-01	5.08E-01	8.36E-01	8.36E-01	8.36E-07
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4	14	29	4.20E-02	5.19E-01	2.09E-01	1.63E-01	2.86E-01	2.86E-01	2.86E-07
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	14	0	6.05E-02	4.49E-01	2.28E-01	1.39E-01	2.93E-01	4.49E-01	4.49E-07
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	14	0	3.80E-02	2.88E-01	1.34E-01	9.10E-02	1.77E-01	2.88E-01	2.88E-07
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	14	0	6.50E-02	4.41E-01	2.23E-01	1.28E-01	2.83E-01	4.41E-01	4.41E-07
	Rabbitbrush	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	14	0	5.00E-02	4.15E-01	2.02E-01	1.32E-01	2.65E-01	4.15E-01	4.15E-07
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	14	0	2.85E-02	2.11E-01	1.00E-01	6.36E-02	1.31E-01	2.11E-01	2.11E-07
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	14	0	4.10E-02	3.22E-01	1.59E-01	1.05E-01	2.09E-01	3.22E-01	3.22E-07
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	14	0	2.45E-02	2.01E-01	9.38E-02	6.47E-02	1.24E-01	2.01E-01	2.01E-07

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Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	CTerm (mg/kg)
ESA-I (cont.)	Rabbitbrush	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	14	0	4.40E-02	3.97E-01	1.98E-01	1.26E-01	2.57E-01	3.97E-01	3.97E-07
	Rabbitbrush	789HYF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	14	0	3.80E-02	3.20E-01	1.45E-01	1.03E-01	1.94E-01	3.20E-01	3.20E-07
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	0	14	0	2.40E-03	2.85E+03	2.76E+03	1.49E+02	2.83E+03	2.85E+03	2.85E+00
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	2	14	14	7.50E-02	2.00E+03	9.29E+02	4.54E+02	1.14E+03	1.14E+03	1.14E+00
	Rabbitbrush	234HYF	2,3,4,6,7,8-Hexachlorodibenzofuran	2	14	14	3.60E-02	3.15E-01	1.81E-01	9.55E-02	2.26E-01	2.26E-01	2.26E-07
	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1	14	7	2.50E-02	2.00E-01	9.91E-02	6.61E-02	1.30E-01	1.30E-01	1.30E-07
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	14	0	2.20E-02	2.11E-01	9.23E-02	6.85E-02	1.25E-01	2.11E-01	2.11E-07
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3	14	21	2.45E-02	7.44E-01	1.94E-01	1.99E-01	2.88E-01	2.88E-01	2.88E-07
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4	14	29	1.70E+01	1.30E+02	3.62E+01	3.49E+01	5.27E-01	5.27E-01	5.27E-02
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	14	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Rabbitbrush	AG	Silver	0	14	0	7.94E-02	8.09E-02	8.02E-02	0.00E+00	8.02E-02	8.09E-02	8.09E-02
	Rabbitbrush	AL	Aluminum	13	14	93	9.46E+00	1.26E+02	5.77E+01	3.31E+01	7.34E+01	7.34E+01	7.34E+01
	Rabbitbrush	AS	Arsenic	13	14	93	1.24E-01	9.00E-01	5.30E-01	2.42E-01	6.45E-01	6.45E-01	6.45E-01
	Rabbitbrush	BA	Barium	14	14	100	2.80E+00	9.94E+01	2.70E+01	3.43E+01	4.32E+01	4.32E+01	4.32E+01
	Rabbitbrush	BE	Beryllium	0	14	0	2.95E-03	3.00E-03	2.97E-03	0.00E+00	0.00E+00	3.00E-03	3.00E-03
	Rabbitbrush	BAANTR	Benzo[a]anthracene	0	14	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BKANT	Benzo[k]fluoranthene	0	14	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CD	Cadmium	14	14	100	1.20E-01	3.40E-01	1.99E-01	6.43E-02	2.29E-01	2.29E-01	2.29E-01
	Rabbitbrush	CHRY	Chrysene	10	14	71	4.15E-01	2.60E+00	1.09E+00	6.78E-01	1.41E+00	1.41E+00	1.41E-03
	Rabbitbrush	CO	Cobalt	3	14	21	4.71E-02	1.10E-01	5.94E-02	2.39E-02	7.08E-02	7.08E-02	7.08E-02
	Rabbitbrush	CR	Chromium	14	14	100	1.70E-01	6.80E-01	3.02E-01	1.35E-01	3.66E-01	3.66E-01	3.66E-01
	Rabbitbrush	CU	Copper	14	14	100	4.00E+00	1.30E+01	6.87E+00	3.02E+00	8.30E+00	8.30E+00	8.30E+00
	Rabbitbrush	FE	Iron	14	14	100	2.92E+01	1.45E+02	7.42E+01	3.37E+01	9.02E+01	9.02E+01	9.02E+01
	Rabbitbrush	FANT	Fluoranthene	14	14	100	4.30E+00	2.90E+01	1.17E+01	7.04E+00	1.50E+01	1.50E+01	1.50E-02
	Rabbitbrush	HG	Mercury	7	14	50	4.95E-03	2.00E-02	8.20E-03	4.02E-03	1.01E-02	1.01E-02	1.01E-02
	Rabbitbrush	MN	Manganese	14	14	100	1.02E+01	3.45E+01	2.03E+01	7.01E+00	2.36E+01	2.36E+01	2.36E+01
	Rabbitbrush	NI	Nickel	14	14	100	3.90E-01	1.80E+00	9.43E-01	5.16E-01	1.19E+00	1.19E+00	1.19E+00
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	9	14	64	3.36E-01	1.31E+01	4.68E+00	4.04E+00	6.59E+00	6.59E+00	6.59E-06
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	5	14	36	9.95E-02	1.77E+00	7.90E-01	6.03E-01	1.08E+00	1.08E+00	1.08E-06
	Rabbitbrush	PB	Lead	14	14	100	8.60E-01	4.78E+01	1.14E+01	1.37E+01	1.79E+01	1.79E+01	1.79E+01
	Rabbitbrush	PHANTR	Phenanthrene	14	14	100	3.20E+01	1.90E+02	8.94E+01	4.73E+01	1.12E+02	1.12E+02	1.12E-01
	Rabbitbrush	PYR	Pyrene	14	14	100	1.10E+00	9.70E+00	3.77E+00	2.54E+00	4.97E+00	4.97E+00	4.97E-03
	Rabbitbrush	RDX	RDX / Cyclonite	0	14	0	6.00E+03	7.00E+03	6.82E+03	3.17E+02	6.97E+03	7.00E+03	7.00E+00
	Rabbitbrush	SB	Antimony	2	14	14	2.43E-01	9.60E-01	3.35E-01	2.16E-01	4.37E-01	4.37E-01	4.37E-01
	Rabbitbrush	SE	Selenium	0	14	0	2.06E-01	2.21E-01	2.14E-01	4.64E-03	2.16E-01	2.21E-01	2.21E-01
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	6	14	43	1.07E-01	2.99E+00	8.77E-01	9.57E-01	1.33E+00	1.33E+00	1.33E-06
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	5	14	36	5.10E-02	5.19E-01	2.57E-01	1.63E-01	1.33E+00	1.33E+00	1.33E-06
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	1	14	7	5.03E-02	4.19E-01	2.43E-01	1.33E-01	3.06E-01	3.06E-01	3.06E-07
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	5	14	36	3.45E-02	5.81E-01	2.34E-01	1.33E-01	3.07E-01	3.07E-01	3.07E-07
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	0	14	0	4.10E-02	3.22E-01	1.61E-01	1.03E-01	2.10E-01	3.22E-01	3.22E-07
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	3	14	21	2.70E-02	4.97E-01	1.51E-01	1.16E-01	2.06E-01	2.06E-01	2.06E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
ESA-1 (cont.)	Rabbitbrush	TTCCDD	Total tetrachlorodibenzo-p-dioxins	2	14	14	2.25E-02	2.30E-01	1.21E-01	7.61E-02	1.57E-01	1.57E-01	1.57E-07
	Rabbitbrush	TTCCDF	Total tetrachlorodibenzo-p-dioxins	6	14	43	3.55E-02	2.43E+00	5.11E-01	7.06E-01	8.45E-01	8.45E-01	8.45E-07
	Rabbitbrush	V	Vanadium	6	14	43	3.92E-02	2.00E-01	7.76E-02	5.41E-02	1.03E-01	1.03E-01	1.03E-01
	Rabbitbrush	Zn	Zinc	14	14	100	9.00E+00	3.10E+01	1.56E+01	6.40E+00	1.86E+01	1.86E+01	1.86E+01
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4	11	36	9.45E-02	2.11E+00	5.55E-01	5.36E-01	8.59E-01	8.59E-01	8.59E-07
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	11	0	7.15E-02	4.31E-01	1.85E-01	1.23E-01	2.53E-01	4.31E-01	4.31E-07
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	11	0	6.45E-02	7.01E-01	2.69E-01	2.09E-01	3.83E-01	7.01E-01	7.01E-07
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	11	9	3.25E-02	3.93E-01	1.40E-01	1.08E-01	1.98E-01	1.98E-01	1.98E-07
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	11	0	6.55E-02	7.03E-01	2.83E-01	2.21E-01	4.04E-01	7.05E-01	7.05E-07
	Sweetclover	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	11	0	5.40E-02	5.86E-01	2.25E-01	1.75E-01	3.20E-01	5.86E-01	5.86E-07
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	11	0	2.55E-02	3.13E-01	1.08E-01	8.86E-02	1.56E-01	3.13E-01	3.13E-07
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	11	0	4.65E-02	5.48E-01	1.77E-01	1.51E-01	2.59E-01	5.48E-01	5.48E-07
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	11	0	2.55E-02	3.23E-01	9.42E-02	8.65E-02	1.41E-01	3.23E-01	3.23E-07
	Sweetclover	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	11	0	5.85E-02	6.35E-01	2.43E-01	1.89E-01	3.47E-01	6.35E-01	6.35E-07
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	11	0	3.45E-02	4.21E-01	1.45E-01	1.19E-01	2.10E-01	4.21E-01	4.21E-07
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	1	11	9	1.05E+02	2.50E+03	3.27E+02	7.21E+02	7.21E+02	7.21E+02	7.21E-01
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	11	0	6.50E+02	6.50E+02	6.50E+02	0.00E+00	0.00E+00	6.50E+02	6.50E-01
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	4	11	36	3.30E-02	3.77E-01	2.08E-01	1.13E-01	2.69E-01	2.69E-01	2.69E-07
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	0	11	0	2.45E-02	3.12E-01	9.82E-02	7.98E-02	1.42E-01	3.12E-01	3.12E-07
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzo-dioxin	1	11	9	2.50E-02	9.43E-01	1.71E-01	2.77E-01	3.22E-01	3.22E-01	3.22E-07
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzo-dioxin	0	11	0	2.15E-02	4.20E-01	1.76E-01	1.38E-01	2.51E-01	4.20E-01	4.20E-07
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	0	11	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-trichloroethane	0	11	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Sweetclover	AG	Silver	0	11	0	3.53E-02	3.60E-02	3.56E-02	0.00E+00	3.56E-02	3.60E-02	3.60E-02
	Sweetclover	AL	Aluminum	11	11	100	1.94E+01	6.32E+01	3.31E+01	1.47E+01	4.12E+01	4.12E+01	4.12E+01
	Sweetclover	AS	Arsenic	8	11	73	1.40E-01	9.30E-01	3.45E-01	2.19E-01	4.64E-01	4.64E-01	4.64E-01
	Sweetclover	BA	Barium	11	11	100	1.08E+01	5.99E+02	1.74E+02	2.01E+02	2.84E+02	2.84E+02	2.84E+02
	Sweetclover	BE	Beryllium	0	11	0	1.95E-03	2.00E-03	1.99E-03	0.00E+00	1.99E-03	2.00E-03	2.00E-03
	Sweetclover	BAANTR	Benzofuranthracene	0	11	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BKFANT	Benzofluoranthene	0	11	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CD	Cadmium	9	11	82	6.44E-02	7.30E-01	2.81E-01	1.79E-01	3.79E-01	3.79E-01	3.79E-01
	Sweetclover	CHRY	Chrysene	0	11	0	3.10E-01	3.10E-01	3.10E-01	0.00E+00	0.00E+00	3.10E-01	3.10E-04
	Sweetclover	CO	Cobalt	9	11	82	3.55E-02	5.40E-01	2.12E-01	1.71E-01	3.05E-01	3.05E-01	3.05E-01
	Sweetclover	CR	Chromium	11	11	100	1.90E-01	8.20E-01	3.35E-01	1.78E-01	4.32E-01	4.32E-01	4.32E-01
	Sweetclover	CU	Copper	11	11	100	1.70E+00	1.08E-01	4.18E+00	2.60E+00	5.60E+00	5.60E+00	5.60E+00
	Sweetclover	FE	Iron	11	11	100	2.38E+01	7.12E+01	4.15E+01	1.60E+01	5.03E+01	5.03E+01	5.03E+01
	Sweetclover	FANT	Fluoranthene	11	11	100	9.50E-01	2.50E+00	1.66E+00	4.55E-01	1.91E+00	1.91E+00	1.91E-03
	Sweetclover	HG	Mercury	10	11	91	5.00E-03	3.00E-02	1.23E-02	7.07E-03	1.61E-02	1.61E-02	1.61E-02
	Sweetclover	MN	Manganese	11	11	100	5.10E+00	1.35E+01	1.01E+01	2.45E+00	1.15E+01	1.15E+01	1.15E+01
	Sweetclover	NI	Nickel	11	11	100	2.70E-01	1.50E+00	5.51E-01	3.42E-01	7.38E-01	7.38E-01	7.38E-01
	Sweetclover	OCDD	Octachlorodibenzo-dioxin - nonspecific	8	11	73	7.66E-01	1.17E+02	1.41E+01	3.47E+01	3.31E+01	3.31E+01	3.31E-05

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Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-1 (cont.)	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	7	11	64	2.08E-01	2.86E+00	9.50E-01	7.73E-01	1.37E+00	1.37E+00	1.37E-06
	Sweetclover	PB	Lead	11	11	100	6.40E-01	7.14E+01	1.53E+01	2.08E+01	2.66E+01	2.66E+01	2.66E+01
	Sweetclover	PHANTR	Phenanthrene	11	11	100	3.80E+00	8.70E+00	6.01E+00	1.39E+00	6.77E+00	6.77E+00	6.77E-03
	Sweetclover	PYR	Pyrene	11	11	100	3.50E-01	9.80E-01	7.15E-01	1.92E-01	8.20E-01	8.20E-01	8.20E-04
	Sweetclover	RDX	RDX / Cyclonite	2	11	18	1.93E+02	5.90E+03	1.03E+03	1.94E+03	2.11E+03	2.11E+03	2.11E+00
	Sweetclover	SB	Antimony	1	11	9	4.55E-01	1.60E+00	5.73E-01	3.41E-01	7.59E-01	7.59E-01	7.59E-01
	Sweetclover	SE	Selenium	0	11	0	2.85E-01	3.03E-01	2.97E-01	7.42E-03	3.01E-01	3.03E-01	3.03E-01
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	5	11	45	9.45E-02	4.79E+00	8.60E-01	1.33E+00	1.59E+00	1.59E+00	1.59E-06
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	4	11	36	8.90E-02	7.40E-01	2.82E-01	2.03E-01	3.93E-01	3.93E-01	3.93E-07
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	0	11	0	5.85E-02	6.37E-01	2.44E-01	1.90E-01	3.48E-01	6.37E-01	6.37E-07
	Sweetclover	THCDF	Total hexachlorodibenzofurans	7	11	64	6.80E-02	1.03E+00	3.39E-01	2.77E-01	4.91E-01	4.91E-01	4.91E-07
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	0	11	0	4.65E-02	5.48E-01	1.77E-01	1.51E-01	2.59E-01	5.48E-01	5.48E-07
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	4	11	36	2.50E-02	3.92E-01	1.64E-01	1.13E-01	2.26E-01	2.26E-01	2.26E-07
	Sweetclover	TTCCDD	Total tetrachlorodibenzo-p-dioxins	5	11	45	5.70E-02	9.43E-01	2.20E-01	2.38E-01	3.61E-01	3.61E-01	3.61E-07
	Sweetclover	TTCCDF	Total tetrachlorodibenzofurans	9	11	82	9.60E-02	1.95E+00	6.21E-01	5.32E-01	9.11E-01	9.11E-01	9.11E-07
	Sweetclover	V	Vanadium	1	11	9	6.08E-02	1.40E-01	6.85E-02	3.27E-02	8.14E-02	8.14E-02	8.14E-02
	Sweetclover	ZN	Zinc	11	11	100	1.90E+00	1.36E+01	5.15E+00	3.26E+00	6.94E+00	6.94E+00	6.94E+00
ESA-2	Ambrosia	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	1	100	1.03E+01	1.03E+01	1.03E+01	0.00E+00	0.00E+00	1.03E+01	1.03E-05
	Ambrosia	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	1	0	8.60E-02	8.60E-02	8.60E-02	0.00E+00	0.00E+00	8.60E-02	8.60E-08
	Ambrosia	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	1	100	6.61E-01	6.61E-01	6.61E-01	0.00E+00	0.00E+00	6.61E-01	6.61E-07
	Ambrosia	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	1	100	2.30E-01	2.30E-01	2.30E-01	0.00E+00	0.00E+00	2.30E-01	2.30E-07
	Ambrosia	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	1	0	1.32E-01	1.32E-01	1.32E-01	0.00E+00	0.00E+00	1.32E-01	1.32E-07
	Ambrosia	789HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1	1	100	8.02E-01	8.02E-01	8.02E-01	0.00E+00	0.00E+00	8.02E-01	8.02E-07
	Ambrosia	789HFX	1,2,3,6,7,8-Hexachlorodibenzofuran	0	1	0	5.75E-02	5.75E-02	5.75E-02	0.00E+00	0.00E+00	5.75E-02	5.75E-08
	Ambrosia	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	1	100	3.59E-01	3.59E-01	3.59E-01	0.00E+00	0.00E+00	3.59E-01	3.59E-07
	Ambrosia	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	1	0	5.75E-02	5.75E-02	5.75E-02	0.00E+00	0.00E+00	5.75E-02	5.75E-08
	Ambrosia	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	1	0	5.71E-01	5.71E-01	5.71E-01	0.00E+00	0.00E+00	5.71E-01	5.71E-07
	Ambrosia	789HFX	1,2,3,7,8,9-Hexachlorodibenzofuran	0	1	0	7.70E-02	7.70E-02	7.70E-02	0.00E+00	0.00E+00	7.70E-02	7.70E-08
	Ambrosia	246TNT	2,4,6-Trinitrotoluene	0	1	0	7.00E+03	7.00E+03	7.00E+03	0.00E+00	0.00E+00	7.00E+03	7.00E+00
	Ambrosia	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	1	0	1.10E+03	1.10E+03	1.10E+03	0.00E+00	0.00E+00	1.10E+03	1.10E+00
	Ambrosia	234HFX	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	0	1	0	2.21E-01	2.21E-01	2.21E-01	0.00E+00	0.00E+00	2.21E-01	2.21E-07
	Ambrosia	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	0	1	0	5.80E-02	5.80E-02	5.80E-02	0.00E+00	0.00E+00	5.80E-02	5.80E-08
	Ambrosia	TCDD	2,3,7,8-Tetrachlorodibenzo-dioxin	0	1	0	5.30E-02	5.30E-02	5.30E-02	0.00E+00	0.00E+00	5.30E-02	5.30E-08
	Ambrosia	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	1	0	1.20E-01	1.20E-01	1.20E-01	0.00E+00	0.00E+00	1.20E-01	1.20E-07
	Ambrosia	PPDDE	2,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	1	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Ambrosia	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	0	1	0	1.15E-01	1.15E-01	1.15E-01	0.00E+00	0.00E+00	1.15E-01	1.15E-02
	Ambrosia	AG	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	1	0	7.84E-02	7.84E-02	7.84E-02	0.00E+00	0.00E+00	7.84E-02	7.84E-02
	Ambrosia	AL	Silver	1	1	100	9.25E+01	9.25E+01	9.25E+01	0.00E+00	0.00E+00	9.25E+01	9.25E+01
	Ambrosia	AS	Aluminum	0	1	0	3.14E-01	3.14E-01	3.14E-01	0.00E+00	0.00E+00	3.14E-01	3.14E-01
	Ambrosia	BA	Arsenic	0	1	0	8.30E+00	8.30E+00	8.30E+00	0.00E+00	0.00E+00	8.30E+00	8.30E+00
	Ambrosia	BE	Barium	1	1	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02
	Ambrosia	BE	Beryllium	1	1	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
ESA-2 (cont.)	Ambrosia	BAANTR	Benzo[a]anthracene	0	1	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Ambrosia	BKFANT	Benzo[k]fluoranthene	1	1	100	5.70E+00	5.70E+00	5.70E+00	0.00E+00	0.00E+00	5.70E+00	5.70E-03
	Ambrosia	CD	Cadmium	0	1	0	2.04E-01	2.04E-01	2.04E-01	0.00E+00	0.00E+00	2.04E-01	2.04E-01
	Ambrosia	CHRY	Chrysene	1	1	100	8.40E+00	8.40E+00	8.40E+00	0.00E+00	0.00E+00	8.40E+00	8.40E-03
	Ambrosia	CO	Cobalt	1	1	100	8.00E-02	8.00E-02	8.00E-02	0.00E+00	0.00E+00	8.00E-02	8.00E-02
	Ambrosia	CR	Chromium	1	1	100	4.80E-01	4.80E-01	4.80E-01	0.00E+00	0.00E+00	4.80E-01	4.80E-01
	Ambrosia	CU	Copper	1	1	100	9.10E+00	9.10E+00	9.10E+00	0.00E+00	0.00E+00	9.10E+00	9.10E+00
	Ambrosia	FE	Iron	1	1	100	1.02E+02	1.02E+02	1.02E+02	0.00E+00	0.00E+00	1.02E+02	1.02E+02
	Ambrosia	FANT	Fluoranthene	1	1	100	2.10E+01	2.10E+01	2.10E+01	0.00E+00	0.00E+00	2.10E+01	2.10E-02
	Ambrosia	HG	Mercury	0	1	0	7.75E-03	7.75E-03	7.75E-03	0.00E+00	0.00E+00	7.75E-03	7.75E-03
	Ambrosia	MN	Manganese	1	1	100	9.50E+00	9.50E+00	9.50E+00	0.00E+00	0.00E+00	9.50E+00	9.50E+00
	Ambrosia	NI	Nickel	1	1	100	2.60E+00	2.60E+00	2.60E+00	0.00E+00	0.00E+00	2.60E+00	2.60E+00
	Ambrosia	OCDD	Octachlorodibenzodioxin - nonspecific	1	1	100	3.02E+01	3.02E+01	3.02E+01	0.00E+00	0.00E+00	3.02E+01	3.02E-05
	Ambrosia	OCDF	Octachlorodibenzofuran - nonspecific	1	1	100	1.27E+00	1.27E+00	1.27E+00	0.00E+00	0.00E+00	1.27E+00	1.27E-06
	Ambrosia	PB	Lead	1	1	100	3.70E-01	3.70E-01	3.70E-01	0.00E+00	0.00E+00	3.70E-01	3.70E-01
	Ambrosia	PHANTR	Phenanthrene	1	1	100	1.80E+01	1.80E+01	1.80E+01	0.00E+00	0.00E+00	1.80E+01	1.80E-02
	Ambrosia	PYR	Pyrene	1	1	100	1.70E+01	1.70E+01	1.70E+01	0.00E+00	0.00E+00	1.70E+01	1.70E-02
	Ambrosia	RDX	RDX / Cyclonite	0	1	0	3.95E+03	3.95E+03	3.95E+03	0.00E+00	0.00E+00	3.95E+03	3.95E+00
	Ambrosia	SB	Antimony	0	1	0	1.60E-01	1.60E-01	1.60E-01	0.00E+00	0.00E+00	1.60E-01	1.60E-01
	Ambrosia	SE	Selenium	0	1	0	2.82E-01	2.82E-01	2.82E-01	0.00E+00	0.00E+00	2.82E-01	2.82E-01
	Ambrosia	THPCDD	Total heptachlorodibenzo-p-dioxins	1	1	100	1.89E+01	1.89E+01	1.89E+01	0.00E+00	0.00E+00	1.89E+01	1.89E-05
	Ambrosia	THPCDF	Total heptachlorodibenzofurans	1	1	100	9.24E-01	9.24E-01	9.24E-01	0.00E+00	0.00E+00	9.24E-01	9.24E-07
	Ambrosia	THCDD	Total hexachlorodibenzo-p-dioxins	1	1	100	7.09E+00	7.09E+00	7.09E+00	0.00E+00	0.00E+00	7.09E+00	7.09E-06
	Ambrosia	THCDF	Total hexachlorodibenzofurans	1	1	100	1.76E+00	1.76E+00	1.76E+00	0.00E+00	0.00E+00	1.76E+00	1.76E-06
	Ambrosia	TPCDD	Total pentachlorodibenzo-p-dioxins	1	1	100	5.99E-01	5.99E-01	5.99E-01	0.00E+00	0.00E+00	5.99E-01	5.99E-07
	Ambrosia	TPCDF	Total pentachlorodibenzofurans	1	1	100	7.65E-01	7.65E-01	7.65E-01	0.00E+00	0.00E+00	7.65E-01	7.65E-07
	Ambrosia	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	1	0	5.30E-02	5.30E-02	5.30E-02	0.00E+00	0.00E+00	5.30E-02	5.30E-08
	Ambrosia	TTCDF	Total tetrachlorodibenzofurans	1	1	100	2.40E-01	2.40E-01	2.40E-01	0.00E+00	0.00E+00	2.40E-01	2.40E-07
	Ambrosia	V	Vanadium	1	1	100	1.50E-01	1.50E-01	1.50E-01	0.00E+00	0.00E+00	1.50E-01	1.50E-01
	Ambrosia	ZN	Zinc	1	1	100	3.75E+01	3.75E+01	3.75E+01	0.00E+00	0.00E+00	3.75E+01	3.75E+01
	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3	3	100	1.69E+01	3.44E+01	2.33E+01	9.64E+00	3.95E+01	3.75E+01	3.44E-05
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	3	33	4.23E-01	1.31E+01	4.68E+00	7.31E+00	1.70E+01	1.31E+01	1.31E-05
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2	3	67	6.16E-01	1.08E+00	8.07E-01	2.46E-01	1.22E+00	1.08E+00	1.08E-06
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2	3	67	3.18E-01	9.00E-01	5.47E-01	3.10E-01	1.07E+00	9.00E-01	9.00E-07
	Beetle	789HPF	1,2,3,4,7,8,9-Hexachlorodibenzo-p-dioxin	0	3	0	2.02E-01	9.11E-01	6.37E-01	3.81E-01	1.28E+00	9.11E-01	9.11E-07
	Beetle	789HPD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3	3	100	1.27E+00	1.69E+00	1.49E+00	2.13E-01	1.85E+00	1.69E+00	1.69E-06
	Beetle	789HDF	1,2,3,6,7,8-Hexachlorodibenzofuran	1	3	33	4.50E-02	1.75E+00	7.03E-01	9.13E-01	2.24E+00	1.75E+00	1.75E-06
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	3	0	4.10E-01	5.13E-01	4.46E-01	5.81E-02	5.44E-01	5.13E-01	5.13E-07
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	3	0	6.95E-02	3.79E-01	2.44E-01	1.58E-01	5.10E-01	3.79E-01	3.79E-07
	Beetle	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	3	33	4.63E-01	1.50E+00	8.45E-01	5.67E-01	1.80E+00	1.50E+00	1.50E-06
	Beetle	789HDF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	3	0	9.55E-02	4.29E-01	3.10E-01	1.86E-01	6.24E-01	4.29E-01	4.29E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
ESA-2 (cont.)	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1	3	33	9.45E-02	3.69E+00	1.39E+00	2.00E+00	4.76E+00	3.69E+00	3.69E-06
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2	3	67	2.59E-01	1.59E+00	7.09E-01	7.60E-01	1.99E+00	3.69E+00	1.59E-06
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	3	33	2.56E-01	3.27E-01	2.93E-01	3.54E-02	3.53E-01	3.27E-01	3.27E-07
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	3	0	5.50E-02	2.82E-01	1.87E-01	1.18E-01	3.85E-01	2.82E-01	2.82E-07
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2	4	50	4.30E-01	6.40E+01	1.93E+01	3.03E+01	5.51E+01	5.51E+01	5.51E-02
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3	4	75	2.15E-01	5.20E+00	2.33E+00	2.13E+00	4.83E+00	4.83E+00	4.83E-03
	Beetle	AG	Silver	0	5	0	4.13E-02	4.20E-02	4.17E-02	0.00E+00	4.17E-02	4.20E-02	4.20E-02
	Beetle	AL	Aluminum	5	5	100	3.76E+01	1.35E+02	7.34E+01	3.77E+01	1.09E+02	1.09E+02	1.09E+02
	Beetle	AS	Arsenic	5	5	100	4.00E-01	2.90E+00	1.68E+00	9.60E-01	2.60E+00	2.60E+00	2.60E+00
	Beetle	BA	Barium	5	5	100	1.90E+00	1.00E+01	4.82E+00	3.43E+00	8.09E+00	8.09E+00	8.09E+00
	Beetle	BE	Beryllium	1	5	20	1.95E-03	1.00E-02	3.59E-03	3.16E-03	6.61E-03	6.61E-03	6.61E-03
	Beetle	CD	Cadmium	5	5	100	1.90E-01	9.10E-01	3.92E-01	3.04E-01	6.82E-01	6.82E-01	6.82E-01
	Beetle	CO	Cobalt	5	5	100	7.00E-02	1.60E-01	1.00E-01	1.10E-01	1.36E-01	1.36E-01	1.36E-01
	Beetle	CR	Chromium	5	5	100	2.70E-01	5.10E-01	3.68E-01	1.10E-01	4.73E-01	4.73E-01	4.73E-01
	Beetle	CU	Copper	5	5	100	7.00E+00	1.05E+01	7.88E+00	1.48E+00	9.29E+00	9.29E+00	9.29E+00
	Beetle	FE	Iron	5	5	100	6.97E+01	1.50E+02	9.77E+01	3.17E+01	1.28E+02	1.28E+02	1.28E+02
	Beetle	HG	Mercury	5	5	100	2.00E-02	3.00E-02	2.20E-02	3.87E-03	2.57E-02	2.57E-02	2.57E-02
	Beetle	MN	Manganese	5	5	100	5.70E+00	1.44E+01	8.18E+00	3.55E+00	1.16E+01	1.16E+01	1.16E+01
	Beetle	NI	Nickel	3	5	60	1.94E-01	8.70E-01	4.22E-01	2.76E-01	6.85E-01	6.85E-01	6.85E-01
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	2	3	67	1.27E+00	6.50E+01	2.31E+01	3.63E+01	8.43E+01	6.50E+01	6.50E-05
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	1	3	33	2.62E-01	6.96E+00	3.24E+00	3.41E+00	8.99E+00	6.96E+00	6.96E-06
	Beetle	PB	Lead	5	5	100	5.70E-01	1.41E+01	3.43E+00	5.97E+00	9.12E+00	9.12E+00	9.12E+00
	Beetle	SB	Antimony	3	5	60	1.02E-01	2.80E-01	1.97E-01	8.72E-02	2.80E-01	2.80E-01	2.80E-01
	Beetle	SE	Selenium	4	5	80	5.00E-02	1.90E-01	1.30E-01	5.43E-02	1.82E-01	1.82E-01	1.82E-01
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	3	3	100	2.85E+01	3.44E+01	3.08E+01	3.13E+00	3.61E+01	3.44E+01	3.44E-05
	Beetle	THPCDF	Total heptachlorodibenzofurans	1	3	33	5.00E-01	1.31E+01	4.78E+00	7.23E+00	1.70E+01	1.31E+01	1.31E-05
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	3	3	100	4.08E+00	9.04E+00	6.97E+00	2.58E+00	1.13E+01	9.04E+00	9.04E-06
	Beetle	THCDF	Total hexachlorodibenzofurans	3	3	100	1.02E+00	2.63E+01	1.02E+01	1.40E+00	3.38E+01	2.63E+01	2.63E-05
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	1	3	33	4.10E-01	2.30E+00	1.08E+00	1.07E+00	2.87E+00	2.30E+00	2.30E-06
	Beetle	TPCDF	Total pentachlorodibenzofurans	2	3	67	2.71E-01	7.49E+01	2.55E+01	4.28E+01	9.76E+01	7.49E+01	7.49E-07
	Beetle	TTCDD	Total tetrachlorodibenzo-p-dioxins	1	3	33	2.36E-01	8.74E-01	4.85E-01	3.38E-01	1.06E+00	8.74E-01	8.74E-07
	Beetle	TTCDF	Total tetrachlorodibenzofurans	2	3	67	2.23E-01	2.36E+01	8.10E+00	1.34E+01	3.07E+01	2.36E+01	2.36E-05
	Beetle	V	Vanadium	3	5	60	3.44E-02	1.90E-01	9.99E-02	6.75E-02	1.64E-01	1.64E-01	1.64E-01
	Beetle	ZN	Zinc	5	5	100	3.58E+01	5.30E+01	4.43E+01	6.16E+00	5.02E+01	5.02E+01	5.02E+01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5	13	38	1.40E-01	3.90E+00	1.61E+00	1.11E+00	2.16E+00	2.16E+00	2.16E-06
	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	13	0	5.50E-02	1.25E+00	6.08E-01	4.32E-01	8.22E-01	2.16E+00	2.16E-06
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	13	0	9.90E-02	1.83E+00	7.99E-01	5.46E-01	1.07E+00	1.83E+00	1.83E-06
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	13	8	7.60E-02	9.74E-01	5.11E-01	3.18E-01	6.68E-01	6.68E-01	6.68E-07
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	13	0	9.05E-02	1.71E+00	8.30E-01	5.90E-01	1.12E+00	1.71E+00	1.71E-06
	Grasshopper	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	13	0	9.65E-02	1.78E+00	7.81E-01	5.34E-01	1.04E+00	1.78E+00	1.78E-06
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	13	0	5.70E-02	7.33E-01	3.83E-01	2.40E-01	5.02E-01	7.33E-01	7.33E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	CTerm (mg/kg)
ESA-2 (cont.)	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	12	0	9.70E-02	8.01E-01	4.76E-01	2.85E-01	6.23E-01	8.01E-01	8.01E-07
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	12	0	7.25E-02	5.33E-01	3.24E-01	1.90E-01	4.23E-01	5.33E-01	5.33E-07
	Grasshopper	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	13	0	7.75E-02	1.61E+00	7.07E-01	4.83E-01	9.46E-01	1.61E+00	1.61E-06
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	13	0	7.25E-02	9.32E-01	4.87E-01	3.06E-01	6.38E-01	9.32E-01	9.32E-07
	Grasshopper	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	13	0	9.20E-02	9.22E-01	4.96E-01	2.84E-01	6.36E-01	9.22E-01	9.22E-07
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	13	0	6.60E-02	1.68E+00	4.02E-01	4.19E-01	6.09E-01	1.68E+00	1.68E-06
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	12	0	8.30E-02	4.82E-01	2.78E-01	1.53E-01	3.57E-01	4.82E-01	4.82E-07
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	12	0	7.25E-02	4.17E-01	2.42E-01	1.32E-01	3.10E-01	4.17E-01	4.17E-07
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	13	0	4.30E-01	3.90E+00	8.22E-01	1.03E-00	1.33E+00	3.90E+00	3.90E-03
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-trichloroethane	1	13	8	2.15E-01	2.70E+00	5.40E-01	8.07E-01	9.38E-01	9.38E-01	9.38E-04
	Grasshopper	AG	Silver	3	14	21	4.13E-02	1.00E-01	5.34E-02	2.36E-02	6.46E-02	6.46E-02	6.46E-02
	Grasshopper	AL	Aluminum	14	14	100	2.25E+01	8.12E+01	3.91E+01	1.76E+01	4.74E+01	4.74E+01	4.74E+01
	Grasshopper	AS	Arsenic	3	14	21	8.72E-02	2.80E-01	1.19E-01	6.25E-02	1.49E-01	1.49E-01	1.49E-01
	Grasshopper	BA	Barium	2	14	100	1.60E+00	5.90E+00	2.72E+00	1.10E+00	3.24E+00	3.24E+00	3.24E+00
	Grasshopper	BE	Beryllium	14	14	14	1.95E-03	1.00E-02	3.13E-03	2.77E-03	4.44E-03	4.44E-03	4.44E-03
	Grasshopper	CD	Cadmium	14	14	100	1.70E-01	7.90E-01	3.46E-01	1.74E-01	4.28E-01	4.28E-01	4.28E-01
	Grasshopper	CO	Cobalt	9	14	64	3.28E-02	1.40E-01	6.89E-02	3.50E-02	8.55E-02	8.55E-02	8.55E-02
	Grasshopper	CR	Chromium	14	14	100	1.80E-01	3.00E-01	2.43E-01	3.20E-02	2.58E-01	2.58E-01	2.58E-01
	Grasshopper	CU	Copper	14	14	100	2.04E+01	3.95E+01	3.02E+01	6.63E+00	3.33E+01	3.33E+01	3.33E+01
	Grasshopper	FE	Iron	14	14	100	4.17E+01	9.55E+01	5.65E+01	1.65E+01	6.43E+01	6.43E+01	6.43E+01
	Grasshopper	HG	Mercury	8	14	57	4.73E-03	2.00E-02	9.23E-03	5.26E-03	1.17E-02	1.17E-02	1.17E-02
	Grasshopper	MN	Manganese	11	14	79	1.97E+00	8.00E+00	4.51E+00	1.78E+00	5.35E+00	5.35E+00	5.35E+00
	Grasshopper	NI	Nickel	1	14	7	1.94E-01	5.10E-01	2.18E-01	8.41E-02	2.58E-01	2.58E-01	2.58E-01
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	5	13	38	1.57E+00	3.28E+01	5.56E+00	8.44E+00	9.74E+00	9.74E+00	9.74E+00
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	1	13	8	1.90E-01	5.10E+00	2.48E+00	1.88E+00	3.41E+00	3.41E+00	3.41E+00
	Grasshopper	PB	Lead	12	14	86	1.48E-01	1.20E+00	5.30E-01	2.91E-01	6.68E-01	6.68E-01	6.68E-01
	Grasshopper	SB	Antimony	7	14	50	9.72E-02	2.90E-01	1.81E-01	8.53E-02	2.21E-01	2.21E-01	2.21E-01
	Grasshopper	SE	Selenium	12	14	86	4.63E-02	6.00E-01	1.73E-01	1.32E-01	2.36E-01	2.36E-01	2.36E-01
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	7	13	54	2.24E-01	3.90E+00	1.70E+00	1.16E+00	2.27E+00	2.27E+00	2.27E-06
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	0	13	0	5.50E-02	1.44E+00	7.00E-01	5.01E-01	9.48E-01	1.44E+00	1.44E-06
	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	0	13	0	9.40E-02	1.74E+00	7.60E-01	5.19E-01	1.02E+00	1.74E+00	1.74E-06
	Grasshopper	THCDF	Total hexachlorodibenzofurans	1	13	8	8.75E-02	8.80E-01	4.68E-01	2.78E-01	6.05E-01	6.05E-01	6.05E-07
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	0	12	0	9.70E-02	8.01E-01	4.76E-01	2.85E-01	6.23E-01	8.01E-01	8.01E-07
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	0	12	0	6.90E-02	5.09E-01	3.09E-01	1.82E-01	4.03E-01	5.09E-01	5.09E-07
	Grasshopper	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	12	0	8.30E-02	4.82E-01	2.78E-01	1.53E-01	3.57E-01	4.82E-01	4.82E-07
	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	0	12	0	7.25E-02	4.17E-01	2.42E-01	1.32E-01	3.10E-01	4.17E-01	4.17E-07
	Grasshopper	V	Vanadium	5	14	36	3.44E-02	1.40E-01	5.95E-02	3.79E-02	7.75E-02	7.75E-02	7.75E-02
	Grasshopper	ZN	Zinc	14	14	100	5.20E+01	6.16E+01	5.83E+01	2.67E+00	5.95E+01	5.95E+01	5.95E+01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4	10	40	5.50E-02	2.49E+01	3.94E+00	7.59E+00	8.34E+00	8.34E+00	8.34E-06
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3	10	30	6.40E-02	1.00E+01	1.34E+00	3.06E+00	3.12E+00	3.12E+00	3.12E-06
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	10	0	5.40E-02	7.06E-01	3.69E-01	2.32E-01	5.03E-01	7.06E-01	7.06E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
ESA-2 (cont.)	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	10	10	2.95E-02	2.03E+00	3.68E-01	5.97E-01	7.14E-01	7.14E-01	7.14E-07
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	10	0	4.85E-02	7.00E-01	3.73E-01	2.37E-01	5.11E-01	7.00E-01	7.00E-07
	Gumweed	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2	10	20	4.50E-02	1.26E+00	4.35E-01	3.36E-01	6.30E-01	6.30E-01	6.30E-07
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1	10	10	2.35E-02	3.03E-01	1.64E-01	9.51E-02	2.19E-01	2.19E-01	2.19E-07
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	10	0	3.95E-02	4.34E-01	2.34E-01	1.44E-01	3.18E-01	4.34E-01	4.34E-07
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	10	0	2.10E-02	2.60E-01	1.33E-01	8.39E-02	1.81E-01	2.60E-01	2.60E-07
	Gumweed	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1	10	10	4.90E-02	6.40E-01	3.48E-01	1.95E-01	4.61E-01	4.61E-01	4.61E-07
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	10	0	3.15E-02	4.07E-01	2.13E-01	1.36E-01	2.91E-01	4.07E-01	4.07E-07
	Gumweed	246TNT	2,4,6-Trinitrotoluene	0	10	0	6.00E+03	7.00E+03	6.80E+03	4.22E+02	7.04E+03	7.00E+03	7.00E+00
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	10	0	1.10E+03	1.10E+03	1.10E+03	0.00E+00	0.00E+00	1.10E+03	1.10E+00
	Gumweed	234HDX	2,3,4,6,7,8-Hexachlorodibenzofuran	0	10	0	2.80E-02	3.65E-01	2.43E-01	1.00E-01	3.01E-01	3.65E-01	3.65E-07
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	10	0	2.00E-02	2.51E-01	1.28E-01	8.11E-02	1.75E-01	2.51E-01	2.51E-07
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	10	0	2.55E-02	2.96E-01	1.55E-01	9.62E-02	2.11E-01	2.96E-01	2.96E-07
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	10	0	9.45E-02	2.23E-01	1.79E-01	4.50E-02	2.05E-01	2.23E-01	2.23E-07
	Gumweed	PPDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	0	10	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	10	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Gumweed	AG	Silver	0	10	0	7.81E-02	7.90E-02	7.88E-02	0.00E+00	7.88E-02	7.90E-02	7.90E-02
	Gumweed	AL	Aluminum	9	10	90	4.02E+01	4.11E+02	1.78E+02	1.08E+02	2.41E+02	2.41E+02	2.41E+02
	Gumweed	AS	Arsenic	2	10	20	3.03E-01	1.10E+00	4.39E-01	2.80E-01	6.02E-01	6.02E-01	6.02E-01
	Gumweed	BA	Barium	10	10	100	2.60E+00	1.20E+02	2.49E+01	3.44E+01	4.48E+01	4.48E+01	4.48E+01
	Gumweed	BE	Beryllium	0	10	0	2.95E-03	3.00E-03	3.00E-03	0.00E+00	3.00E-03	3.00E-03	3.00E-03
	Gumweed	BAANTR	Benzof[anthracene]	0	10	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BKFANT	Benzof[k]fluoranthene	0	10	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CD	Cadmium	4	10	40	1.97E-01	1.01E+01	2.20E+00	3.33E+00	4.13E+00	4.13E+00	4.13E+00
	Gumweed	CHRY	Chrysene	3	10	30	3.45E-01	9.80E-01	5.04E-01	2.66E-01	6.58E-01	6.58E-01	6.58E-04
	Gumweed	CO	Cobalt	6	10	60	3.86E-02	2.30E-01	8.15E-02	5.75E-02	1.15E-01	1.15E-01	1.15E-01
	Gumweed	CR	Chromium	10	10	100	2.00E-01	1.30E+00	4.24E-01	3.17E-01	6.08E-01	6.08E-01	6.08E-01
	Gumweed	CU	Copper	10	10	100	4.30E+00	5.36E+01	1.29E+01	1.46E+01	2.14E+01	2.14E+01	2.14E+01
	Gumweed	FE	Iron	9	10	90	3.07E+01	2.86E+02	1.47E+02	6.95E+01	1.87E+02	1.87E+02	1.87E+02
	Gumweed	FANT	Fluoranthene	2	10	20	1.80E+00	4.60E+00	2.29E+00	1.05E+00	2.90E+00	2.90E+00	2.90E-03
	Gumweed	HG	Mercury	0	10	0	9.70E-03	1.00E-02	9.84E-03	0.00E+00	9.84E-03	1.00E-02	1.00E-02
	Gumweed	MN	Manganese	10	10	100	7.00E+00	2.72E+01	1.98E+01	5.58E+00	2.30E+01	2.30E+01	2.30E+01
	Gumweed	NI	Nickel	10	10	100	4.40E-01	1.50E+00	6.44E-01	3.24E-01	8.32E-01	8.32E-01	8.32E-01
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	7	10	70	6.51E-01	1.81E+02	2.22E+01	5.60E+01	5.46E+01	5.46E+01	5.46E-05
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	5	10	50	1.41E-01	1.87E+01	3.80E-00	6.00E+00	7.28E+00	7.28E+00	7.28E-06
	Gumweed	PB	Lead	10	10	100	4.00E-01	1.47E+02	1.84E+01	4.60E+01	4.51E+01	4.51E+01	4.51E+01
	Gumweed	PHANTR	Phenanthrene	7	10	70	1.70E+00	2.10E+01	9.56E+00	6.65E+00	1.34E+01	1.34E+01	1.34E-02
	Gumweed	PYR	Pyrene	2	10	20	9.00E-01	2.40E+00	1.19E+00	6.12E-01	1.54E+00	1.54E+00	1.54E-03
	Gumweed	RDX	RDX / Cyclonite	1	10	10	3.60E+03	1.40E+05	1.75E+04	4.30E+04	4.25E+04	4.25E+04	4.25E+01
	Gumweed	SB	Antimony	1	10	10	1.59E-01	3.40E+00	4.86E-01	1.02E+00	1.08E+00	1.08E+00	1.08E+00
	Gumweed	SE	Selenium	0	10	0	2.74E-01	2.85E-01	2.81E-01	3.94E-03	2.84E-01	2.85E-01	2.85E-01

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	CTerm (mg/kg)
ESA-2 (cont.)	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	5	10	50	5.17E-01	5.31E+01	7.82E+00	1.64E+01	1.73E+01	1.73E+01	1.73E-05
	Gumweed	THPCDF	Total heptachlorodibenzofurans	4	10	40	7.90E-02	1.00E+01	1.82E+00	3.10E+00	3.62E+00	3.62E+00	3.62E-06
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	5	10	50	3.71E-01	1.28E+01	2.36E+00	4.00E+00	4.68E+00	4.68E+00	4.68E-06
	Gumweed	THCDF	Total hexachlorodibenzofurans	6	10	60	2.11E-01	4.39E+00	1.17E+00	1.54E+00	2.06E+00	2.06E+00	2.06E-06
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	1	10	10	3.95E-02	5.34E-01	2.73E-01	1.73E-01	3.74E-01	3.74E-01	3.74E-07
	Gumweed	TPCDF	Total pentachlorodibenzofurans	4	10	40	2.05E-02	1.49E+00	4.41E-01	4.97E-01	7.28E-01	7.28E-01	7.28E-07
	Gumweed	TTCDD	Total tetrachlorodibenzo-p-dioxins	2	10	20	4.30E-02	2.96E-01	1.78E-01	7.45E-02	2.22E-01	2.22E-01	2.22E-07
	Gumweed	TTCDF	Total tetrachlorodibenzofurans	3	10	30	9.45E-02	1.11E+00	3.67E-01	3.51E-01	5.71E-01	5.71E-01	5.71E-07
	Gumweed	V	Vanadium	5	10	50	5.39E-02	3.90E-01	1.57E-01	1.33E-01	2.34E-01	2.34E-01	2.34E-01
	Gumweed	Zn	Zinc	10	10	100	2.13E+01	1.54E+02	5.48E+01	5.16E+01	8.47E+01	8.47E+01	8.47E+01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	6	15	40	7.00E-02	4.33E+01	6.93E+00	1.30E+01	1.28E+01	1.28E+01	1.28E-05
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8	15	53	6.25E-02	2.61E+00	7.12E-01	8.84E-01	1.11E+00	1.11E+00	1.11E-06
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3	15	20	5.35E-02	2.69E+00	4.50E-01	7.20E-01	7.77E-01	7.77E-01	7.77E-07
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2	15	13	3.20E-02	1.04E+00	1.60E-01	2.57E-01	2.77E-01	2.77E-01	2.77E-07
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	1	15	7	5.65E-02	7.62E-01	1.85E-01	1.70E-01	2.62E-01	2.62E-01	2.62E-07
	Rabbitbrush	678HDXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3	15	20	4.40E-02	3.39E+00	5.24E-01	9.34E-01	9.49E-01	9.49E-01	9.49E-07
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2	15	13	2.40E-02	5.01E-01	1.00E-01	1.21E-01	1.55E-01	1.55E-01	1.55E-07
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3	15	20	3.40E-02	1.80E+00	3.56E-01	4.73E-01	5.71E-01	5.71E-01	5.71E-07
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1	15	7	2.10E-02	1.44E-01	8.18E-02	3.64E-02	9.84E-02	9.84E-02	9.84E-08
	Rabbitbrush	789HDXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4	15	27	3.85E-02	6.06E+00	9.50E-01	1.73E+00	1.74E+00	1.74E+00	1.74E-06
	Rabbitbrush	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	3.25E-02	1.30E-01	7.86E-02	2.98E-02	9.22E-02	1.30E-01	1.30E-07
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	4	15	27	2.40E+03	1.80E+04	4.83E+03	4.42E+03	6.84E+03	6.84E+03	6.84E+00
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	15	0	7.50E+02	7.50E+02	7.50E+02	0.00E+00	0.00E+00	7.50E+02	7.50E-01
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	6	15	40	4.35E-02	9.57E-01	2.51E-01	2.59E-01	3.69E-01	3.69E-01	3.69E-07
	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	1	15	7	2.15E-02	3.73E-01	9.46E-02	8.50E-02	1.33E-01	1.33E-01	1.33E-07
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2	15	13	1.95E-02	2.82E-01	9.24E-02	6.48E-02	1.22E-01	1.22E-01	1.22E-07
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3	15	20	2.95E-02	1.00E+00	1.92E-01	2.91E-01	3.25E-01	3.25E-01	3.25E-07
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	4	15	27	1.70E+01	1.40E+02	3.85E+01	4.04E+01	5.69E+01	5.69E+01	5.69E-02
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	2.40E+01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Rabbitbrush	AG	Silver	0	15	0	7.94E-02	8.10E-02	8.02E-02	0.00E+00	8.02E-02	8.10E-02	8.10E-02
	Rabbitbrush	AL	Aluminum	15	15	100	2.15E+01	1.83E+02	8.08E+01	4.71E+01	1.02E+02	1.02E+02	1.02E+02
	Rabbitbrush	AS	Arsenic	13	15	87	1.18E-01	5.30E-01	3.42E-01	1.23E-01	3.98E-01	3.98E-01	3.98E-01
	Rabbitbrush	BA	Barium	15	15	100	1.90E+00	1.72E+01	6.19E+00	3.84E+00	7.94E+00	7.94E+00	7.94E+00
	Rabbitbrush	BE	Beryllium	0	15	0	2.95E-03	3.00E-03	2.97E-03	0.00E+00	2.97E-03	3.00E-03	3.00E-03
	Rabbitbrush	BAANTR	Benzo[a]anthracene	4	15	27	1.80E-01	4.90E+00	7.19E-01	1.29E+00	1.30E+00	1.30E+00	1.30E-03
	Rabbitbrush	BKANT	Benzo[k]fluoranthene	2	15	13	4.05E-01	6.30E+00	9.98E-01	1.66E+00	1.75E+00	1.75E+00	1.75E-03
	Rabbitbrush	CD	Cadmium	12	15	80	5.10E-02	1.70E+00	3.86E-01	5.09E-01	6.18E-01	6.18E-01	6.18E-01
	Rabbitbrush	CHRY	Chrysene	9	15	60	4.15E-01	1.50E+01	2.97E+00	4.15E+00	4.86E+00	4.86E+00	4.86E-03
	Rabbitbrush	CO	Cobalt	3	15	20	4.71E-02	1.10E-01	5.87E-02	2.32E-02	6.93E-02	6.93E-02	6.93E-02
	Rabbitbrush	CR	Chromium	15	15	100	1.60E-01	6.60E-01	2.95E-01	1.43E-01	3.60E-01	3.60E-01	3.60E-01
	Rabbitbrush	CU	Copper	15	15	100	2.60E+00	1.23E+01	6.88E+00	2.72E+00	8.12E+00	8.12E+00	8.12E+00

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Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	CTerm (mg/kg)
ESA-2 (cont.)	Rabbitbrush	FE	Iron	15	15	100	2.72E+01	1.85E+02	9.16E+01	4.49E+01	1.12E+02	1.12E+02	1.12E+02
	Rabbitbrush	FANT	Fluoranthene	13	15	87	6.50E-01	3.80E+01	7.90E+00	1.08E+01	1.28E+01	1.28E+01	1.28E-02
	Rabbitbrush	HG	Mercury	5	15	33	4.95E-03	2.00E-02	7.32E-03	4.63E-03	9.42E-03	9.42E-03	9.42E-03
	Rabbitbrush	MN	Manganese	15	15	100	8.30E+00	6.00E+01	1.95E+01	1.42E+01	2.59E+01	2.59E+01	2.59E+01
	Rabbitbrush	NI	Nickel	14	15	93	1.08E-01	2.40E+00	8.60E-01	5.84E-01	1.13E+00	1.13E+00	1.13E+00
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	8	15	53	2.30E-01	2.75E+02	3.96E+01	7.78E+01	7.49E+01	7.49E+01	7.49E-05
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	7	15	47	8.45E-02	1.52E+01	2.66E+00	4.12E+00	4.53E+00	4.53E+00	4.53E-06
	Rabbitbrush	PB	Lead	15	15	100	3.50E-01	7.09E+01	6.63E+00	1.81E+01	1.49E+01	1.49E+01	1.49E+01
	Rabbitbrush	PHANTR	Phenanthrene	13	15	87	1.85E+00	7.60E+01	2.57E+01	2.53E+01	3.72E+01	3.72E+01	3.72E-02
	Rabbitbrush	PYR	Pyrene	12	15	80	1.55E-01	2.90E+01	4.95E+00	8.07E+00	8.62E+00	8.62E+00	8.62E-03
	Rabbitbrush	RDX	RDX / Cyclonite	2	15	13	6.00E+03	9.40E+05	7.22E+04	2.40E+05	1.82E+05	1.82E+05	1.82E+02
	Rabbitbrush	SB	Antimony	1	15	7	2.41E-01	1.30E+00	3.23E-01	2.70E-01	4.46E-01	4.46E-01	4.46E-01
	Rabbitbrush	SE	Selenium	0	15	0	2.03E-01	2.25E-01	2.13E-01	5.92E-03	2.16E-01	2.25E-01	2.25E-01
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	6	15	40	7.00E-02	8.10E+01	1.26E+01	2.54E+01	2.42E+01	2.42E+01	2.42E-05
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	8	15	53	7.60E-02	6.49E+00	1.44E+00	2.16E+00	2.42E+00	2.42E+00	2.42E-06
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	6	15	40	4.45E-02	3.89E+01	5.69E+00	1.13E+01	1.08E+01	1.08E+01	1.08E-05
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	8	15	53	4.30E-02	6.76E+00	1.06E+00	1.81E+00	1.89E+00	1.89E+00	1.89E-06
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	2	15	13	3.40E-02	6.28E+00	9.93E-01	2.01E+00	1.91E+00	1.91E+00	1.91E-06
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	4	15	27	3.55E-02	5.50E+00	9.43E-01	1.76E+00	1.74E+00	1.74E+00	1.74E-06
	Rabbitbrush	TTCCDD	Total tetrachlorodibenzo-p-dioxins	8	15	53	2.95E-02	9.41E+00	1.47E+00	4.06E-01	4.18E-01	4.18E-01	4.18E-07
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	11	15	73	3.92E-02	3.20E-01	1.17E-01	8.12E-02	2.61E+00	2.61E+00	2.61E-06
	Rabbitbrush	V	Vanadium	15	15	100	5.90E+00	1.02E+02	2.90E+01	2.49E+01	4.03E+01	4.03E+01	4.03E-01
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3	5	60	2.87E-01	3.75E-01	9.48E+00	1.60E+01	2.47E+01	2.47E+01	2.47E-05
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	5	0	8.45E-02	1.12E+00	3.78E-01	4.25E-01	7.82E-01	1.12E+00	1.12E-06
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	5	20	1.39E-01	2.43E+00	7.07E-01	9.69E-01	1.63E+00	1.63E+00	1.63E-06
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	5	20	7.40E-02	1.16E+00	3.43E-01	4.62E-01	7.83E-01	7.83E-01	7.83E-07
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	5	0	1.38E-01	4.36E-01	3.15E-01	1.32E-01	4.41E-01	4.36E-01	4.36E-07
	Sweetclover	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2	5	40	1.16E-01	3.46E+00	9.41E-01	1.42E+00	2.30E+00	2.30E+00	2.30E-06
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1	5	20	5.90E-02	6.31E-01	2.14E-01	2.36E-01	4.39E-01	4.39E-01	4.39E-07
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	5	0	9.35E-02	2.15E-01	1.68E-01	5.75E-02	2.22E-01	2.15E-01	2.15E-07
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	5	0	5.40E-02	1.23E-01	9.61E-02	3.21E-02	1.27E-01	1.23E-01	1.23E-07
	Sweetclover	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2	5	40	1.26E-01	5.45E+00	1.41E+00	2.28E+00	3.59E+00	3.59E+00	3.59E-06
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	5	0	7.90E-02	2.00E-01	1.57E-01	5.63E-02	2.10E+01	2.00E+01	2.00E-07
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	1	5	20	1.10E+02	2.70E+02	1.42E+02	7.16E+01	2.10E+02	2.10E+02	2.10E-01
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	5	0	6.50E+02	6.50E+02	6.50E+02	0.00E+00	0.00E+00	6.50E+02	6.50E-01
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1	5	20	7.10E-02	1.07E+00	3.19E-01	4.20E-01	7.20E-01	7.20E-01	7.20E-07
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	5	0	5.20E-02	1.19E-01	9.27E-02	3.11E-02	1.22E-01	1.19E-01	1.19E-07
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	5	0	6.25E-02	1.23E-01	9.71E-02	2.87E-02	1.24E-01	1.23E-01	1.23E-07
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	5	0	5.30E-02	4.01E-01	1.48E-01	1.43E-01	2.84E-01	4.01E-01	4.01E-07
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	5	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
ESA-2 (cont.)	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	5	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-03
	Sweetclover	AG	Silver	0	5	0	3.53E-02	3.59E-02	3.57E-02	0.00E+00	3.57E-02	3.59E-02	3.59E-02
	Sweetclover	AL	Aluminum	4	5	80	5.62E+00	6.62E+01	4.46E+01	2.32E+01	6.67E+01	6.62E+01	6.62E+01
	Sweetclover	AS	Arsenic	5	5	100	3.10E-01	9.10E-01	5.68E-01	2.34E-01	7.91E-01	7.91E-01	7.91E-01
	Sweetclover	BA	Barium	5	5	100	8.10E+00	2.31E+01	1.39E+01	5.85E+00	1.95E+01	1.95E+01	1.95E+01
	Sweetclover	BE	Beryllium	0	5	0	1.95E-03	2.00E-03	1.99E-03	0.00E+00	1.99E-03	2.00E-03	2.00E-03
	Sweetclover	BAANTR	Benzof(a)anthracene	3	5	60	2.50E-01	1.20E+01	3.26E+00	4.96E+00	7.99E+00	7.99E+00	7.99E+00
	Sweetclover	BKFANT	Benzof(k)fluoranthene	4	5	80	2.25E-01	8.30E+00	2.79E+00	3.26E+00	5.89E+00	5.89E+00	5.89E+00
	Sweetclover	CD	Cadmium	3	5	60	6.13E-02	3.60E-01	1.71E-01	1.24E-01	2.90E-01	2.90E-01	2.90E-01
	Sweetclover	CHRY	Chrysene	4	5	80	3.10E-01	1.50E+01	5.70E+00	5.89E+00	1.13E+01	1.13E+01	1.13E-02
	Sweetclover	CO	Cobalt	4	5	80	3.59E-02	1.20E-01	8.52E-02	3.13E-02	1.15E-01	1.15E-01	1.15E-01
	Sweetclover	CR	Chromium	5	5	100	1.60E-01	3.40E-01	2.80E-01	7.87E-02	3.53E-01	3.40E-01	3.40E-01
	Sweetclover	CU	Copper	5	5	100	2.40E+00	4.20E+00	3.48E+00	7.26E-01	4.17E+00	4.17E+00	4.17E+00
	Sweetclover	FE	Iron	5	5	100	1.46E+01	8.23E+01	5.71E+01	2.63E+01	8.21E+01	8.21E+01	8.21E+01
	Sweetclover	FANT	Fluoranthene	5	5	100	1.00E+00	3.00E+01	1.18E+01	1.17E+01	2.29E+01	2.29E+01	2.29E-02
	Sweetclover	HG	Mercury	4	5	80	4.80E-03	1.00E-02	8.96E-03	2.24E-03	1.11E-02	1.00E-02	1.00E-02
	Sweetclover	MN	Manganese	5	5	100	5.90E+00	1.60E+01	1.03E+01	4.30E+00	1.44E+01	1.44E+01	1.44E+01
	Sweetclover	NI	Nickel	5	5	100	2.60E-01	1.10E+00	5.44E-01	3.27E-01	8.85E-01	8.85E-01	8.85E-01
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	5	5	100	4.13E+00	9.77E+01	3.26E+01	3.78E+01	6.87E+01	6.87E+01	6.87E-05
	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	5	5	100	2.13E-01	8.15E-01	5.59E-01	2.59E-01	8.05E-01	8.15E-01	8.15E-07
	Sweetclover	PB	Lead	5	5	100	3.30E-01	1.90E+00	9.42E-01	6.22E-01	1.54E+00	1.54E+00	1.54E+00
	Sweetclover	PHANTR	Phenanthrene	5	5	100	3.20E+00	1.50E+01	8.66E+00	4.79E+00	1.32E+01	1.32E+01	1.32E-02
	Sweetclover	PYR	Pyrene	5	5	100	3.10E-01	3.40E+01	1.07E+01	1.36E+01	2.37E+01	2.37E+01	2.37E-02
	Sweetclover	RDX	RDX / Cyclonite	0	5	0	2.00E+02	2.00E+02	2.00E+02	0.00E+00	0.00E+00	2.00E+02	2.00E-01
	Sweetclover	SB	Antimony	0	5	0	4.55E-01	4.76E-01	4.61E-01	8.66E-03	4.70E-01	4.76E-01	4.76E-01
	Sweetclover	SE	Selenium	0	5	0	2.85E-01	3.02E-01	2.95E-01	8.06E-03	3.02E-01	3.02E-01	3.02E-01
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	4	5	80	2.87E-01	6.60E+01	1.75E+01	2.78E+01	4.40E+01	4.40E+01	4.40E-05
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	3	5	60	1.61E-01	5.47E+00	1.55E+00	2.23E+00	3.67E+00	3.67E+00	3.67E-06
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	2	5	40	1.26E-01	3.21E+01	7.32E+00	1.39E+01	2.06E+01	2.06E+01	2.06E-05
	Sweetclover	THCDF	Total hexachlorodibenzofurans	2	5	40	7.00E-02	7.02E+00	1.60E+00	3.04E+00	4.50E+00	4.50E+00	4.50E-06
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	1	5	20	9.35E-02	8.34E+00	1.80E+00	3.66E+00	5.28E+00	5.28E+00	5.28E-06
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	3	5	60	1.17E-01	4.05E+00	9.90E-01	1.72E+00	2.63E+00	2.63E+00	2.63E-06
	Sweetclover	TTCCDD	Total tetrachlorodibenzo-p-dioxins	1	5	20	6.25E-02	7.89E-01	2.32E-01	3.12E-01	5.30E-01	5.30E-01	5.30E-07
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	2	5	40	5.30E-02	2.23E+00	6.55E-01	9.32E-01	1.54E+00	1.54E+00	1.54E-06
	Sweetclover	V	Vanadium	0	5	0	6.08E-02	6.18E-02	6.15E-02	0.00E+00	6.15E-02	6.18E-02	6.18E-02
	Sweetclover	ZN	Zinc	5	5	100	2.30E+00	1.20E+01	7.88E+00	3.78E+00	1.15E+01	1.15E+01	1.15E+01
RSA	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	2	0	2.45E-01	3.05E-01	2.75E-01	4.24E-02	4.64E-01	3.05E-01	3.05E-07
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	2	0	1.73E-01	1.97E-01	1.85E-01	1.67E-02	2.60E-01	1.97E-01	1.97E-07
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	2	0	2.08E-01	2.65E-01	2.37E-01	4.02E-02	4.16E-01	2.65E-01	2.65E-07
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	2	0	1.56E-01	1.64E-01	1.60E-01	6.32E-03	1.88E-01	1.64E-01	1.64E-07
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	2	0	2.36E-01	2.69E-01	2.53E-01	2.32E-02	3.56E-01	2.69E-01	2.69E-07
	Beetle	789HPD	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	2	0	2.36E-01	2.69E-01	2.53E-01	2.32E-02	3.56E-01	2.69E-01	2.69E-07

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Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	Cterm	Cterm	Cterm
RSA (cont.)	Beetle	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0	2.03E-01	2.59E-01	2.31E-01	3.95E-02	4.07E-01	2.59E-01	2.59E-01	2.59E-07
	Beetle	678HDXF	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0	1.17E-01	1.24E-01	1.20E-01	4.47E-03	1.27E-01	1.24E-01	1.24E-01	1.24E-07
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0	1.90E-01	4.86E-01	3.38E-01	2.09E-01	1.27E+00	4.86E-01	4.86E-01	4.86E-07
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	2	0	1.33E-01	3.23E-01	2.28E-01	1.34E-01	8.28E-01	3.23E-01	3.23E-01	3.23E-07
	Beetle	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0	1.84E-01	2.35E-01	2.09E-01	3.58E-02	3.69E-01	2.35E-01	2.35E-01	2.35E-07
	Beetle	789HDXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	2	0	1.49E-01	1.57E-01	1.53E-01	6.32E-03	1.81E-01	1.57E-01	1.57E-01	1.57E-07
	Beetle	234HDXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	0	2	0	2.50E-02	8.00E-02	5.25E-02	3.90E-02	2.27E-01	8.00E-02	8.00E-02	8.00E-08
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	0	2	0	1.22E-01	2.95E-01	2.08E-01	1.23E-01	7.56E-01	2.95E-01	2.95E-01	2.95E-07
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	2	0	1.33E-01	4.26E-01	2.79E-01	2.07E-01	1.20E+00	4.26E-01	4.26E-01	4.26E-07
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0	2	0	1.16E-01	3.30E-01	2.23E-01	1.51E-01	8.98E-01	3.30E-01	3.30E-01	3.30E-07
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3	3	100	2.00E+00	5.50E+00	3.53E+00	1.79E+00	6.55E+00	5.50E+00	5.50E+00	5.50E-03
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	3	0	2.15E-01	2.15E-01	2.15E-01	0.00E+00	0.00E+00	2.15E-01	2.15E-01	2.15E-04
	Beetle	AG	Silver	0	3	0	4.15E-02	4.19E-02	4.18E-02	0.00E+00	4.18E-02	4.19E-02	4.19E-02	4.19E-02
	Beetle	AL	Aluminum	3	3	100	1.56E+02	1.94E+02	1.74E+02	1.91E+01	2.06E+02	1.94E+02	1.94E+02	1.94E+02
	Beetle	AS	Arsenic	3	3	100	3.50E-01	4.80E-01	4.23E-01	6.66E-02	5.36E-01	4.80E-01	4.80E-01	4.80E-01
	Beetle	BA	Barium	3	3	100	2.00E+00	2.60E+00	2.27E+00	3.05E-01	2.78E+00	2.60E+00	2.60E+00	2.60E+00
	Beetle	BE	Beryllium	3	3	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02	1.00E-02
	Beetle	CD	Cadmium	3	3	100	1.10E-01	1.50E-01	1.37E-01	2.31E-02	1.76E-01	1.50E-01	1.50E-01	1.50E-01
	Beetle	CO	Cobalt	3	3	100	1.20E-01	1.50E-01	1.40E-01	1.73E-02	1.69E-01	1.50E-01	1.50E-01	1.50E-01
	Beetle	CR	Chromium	3	3	100	3.40E-01	4.30E-01	3.87E-01	4.51E-02	4.63E-01	4.30E-01	4.30E-01	4.30E-01
	Beetle	CU	Copper	3	3	100	5.10E+00	5.70E+00	5.40E+00	3.00E-01	5.91E+00	5.70E+00	5.70E+00	5.70E+00
	Beetle	FE	Iron	3	3	100	1.85E+02	2.13E+02	1.99E+02	1.40E+01	2.22E+02	2.13E+02	2.13E+02	2.13E+02
	Beetle	HG	Mercury	3	3	100	1.00E-02	1.00E-02	1.00E-02	0.00E+00	0.00E+00	1.00E-02	1.00E-02	1.00E-02
	Beetle	MN	Manganese	3	3	100	8.40E+00	1.04E+01	9.47E+00	1.01E+00	1.12E+01	1.04E+01	1.04E+01	1.04E+01
	Beetle	NI	Nickel	3	3	100	4.00E-01	1.00E+00	6.87E-01	3.01E-01	1.19E+00	1.00E+00	1.00E+00	1.00E+00
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	0	2	0	5.27E-01	9.16E-01	7.21E-01	2.73E-01	1.93E+00	9.16E-01	9.16E-01	9.16E-07
	Beetle	OCDF	Octachlorodibenzo-p-dioxin	0	2	0	4.33E-01	7.52E-01	5.92E-01	2.26E-01	1.60E+00	7.52E-01	7.52E-01	7.52E-07
	Beetle	PB	Lead	2	3	67	1.53E-01	4.80E-01	3.11E-01	1.64E-01	5.87E-01	4.80E-01	4.80E-01	4.80E-01
	Beetle	SB	Antimony	1	3	33	9.91E-02	2.10E-01	1.37E-01	6.32E-02	2.44E-01	2.10E-01	2.10E-01	2.10E-01
	Beetle	SE	Selenium	2	3	67	4.95E-02	1.30E-01	9.32E-02	4.07E-02	1.62E-01	1.30E-01	1.30E-01	1.30E-01
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	0	2	0	2.45E-01	3.05E-01	2.75E-01	4.24E-02	4.64E-01	3.05E-01	3.05E-01	3.05E-07
	Beetle	THPCDF	Total heptachlorodibenzo-p-dioxins	0	2	0	2.00E-01	2.28E-01	2.14E-01	2.00E-02	3.03E-01	2.28E-01	2.28E-01	2.28E-07
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	0	2	0	1.98E-01	2.52E-01	2.23E-01	3.82E-02	3.96E-01	2.52E-01	2.52E-01	2.52E-07
	Beetle	THCDF	Total hexachlorodibenzo-p-dioxins	0	2	0	2.50E-02	8.00E-02	5.25E-02	3.90E-02	2.27E-01	8.00E-02	8.00E-02	8.00E-08
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	0	2	0	1.90E-01	4.86E-01	3.38E-01	2.09E-01	1.27E+00	4.86E-01	4.86E-01	4.86E-07
	Beetle	TPCDF	Total pentachlorodibenzo-p-dioxins	0	2	0	1.27E-01	3.09E-01	2.18E-01	1.28E-01	7.91E-01	3.09E-01	3.09E-01	3.09E-07
	Beetle	TTCCDD	Total tetrachlorodibenzo-p-dioxins	3	3	100	1.07E+00	5.00E+01	1.75E+01	2.82E+01	6.50E+01	5.00E+01	5.00E+01	5.00E+05
	Beetle	TTCDF	Total tetrachlorodibenzo-p-dioxins	0	2	0	1.16E-01	3.30E-01	2.23E-01	1.51E-01	8.98E-01	3.30E-01	3.30E-01	3.30E-07
	Beetle	V	Vanadium	3	3	100	2.70E-01	3.10E-01	2.93E-01	2.07E-02	3.28E-01	3.10E-01	3.10E-01	3.10E-01
	Beetle	ZN	Zinc	3	3	100	3.91E+01	4.32E+01	4.10E+01	2.07E+00	4.45E+01	4.32E+01	4.32E+01	4.32E+01
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	10	0	1.47E-01	7.69E-01	3.31E-01	2.11E-01	4.53E-01	7.69E-01	7.69E-01	7.69E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
RSA (cont.)	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	10	0	5.85E-02	4.23E-01	1.57E-01	1.30E-01	2.33E-01	4.23E-01	4.23E-07
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	10	0	6.70E-02	6.12E-01	2.07E-01	1.87E-01	3.15E-01	6.12E-01	6.12E-07
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	10	0	5.10E-02	3.49E-01	1.37E-01	1.07E-01	1.99E-01	3.49E-01	3.49E-07
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	10	0	5.00E-02	5.77E-01	2.11E-01	1.81E-01	3.16E-01	5.77E-01	5.77E-07
	Grasshopper	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	10	0	6.55E-02	5.98E-01	2.02E-01	1.82E-01	3.08E-01	5.98E-01	5.98E-07
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	10	0	3.85E-02	2.63E-01	1.03E-01	8.05E-02	1.49E-01	2.63E-01	2.63E-07
	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	10	0	8.75E-02	8.72E-01	2.88E-01	2.82E-01	4.52E-01	8.72E-01	8.72E-07
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	10	0	5.45E-02	4.61E-01	1.73E-01	1.54E-01	2.62E-01	4.61E-01	4.61E-07
	Grasshopper	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	10	0	5.95E-02	5.42E-01	1.83E-01	1.65E-01	2.79E-01	5.42E-01	5.42E-07
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	10	0	4.90E-02	3.34E-01	1.31E-01	1.02E-01	1.90E-01	3.34E-01	3.34E-07
	Grasshopper	234HXP	2,3,4,6,7,8-Hexachlorodibenzofuran	0	10	0	4.85E-02	3.31E-01	1.35E-01	1.01E-01	1.94E-01	3.31E-01	3.31E-07
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	10	0	4.95E-02	4.21E-01	1.58E-01	1.41E-01	2.39E-01	4.21E-01	4.21E-07
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	10	0	6.30E-02	5.13E-01	1.77E-01	1.57E-01	2.68E-01	5.13E-01	5.13E-07
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	10	0	5.25E-02	4.08E-01	1.44E-01	1.21E-01	2.14E-01	4.08E-01	4.08E-07
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	10	0	4.30E-01	5.00E-01	4.37E-01	2.22E-02	4.50E-01	5.00E-01	5.00E-04
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3	10	30	2.15E-01	7.20E-01	3.50E-01	2.18E-01	4.76E-01	4.76E-01	4.76E-04
	Grasshopper	AG	Silver	1	10	10	4.13E-02	1.00E-01	4.75E-02	1.84E-02	5.81E-02	5.81E-02	5.81E-02
	Grasshopper	AL	Aluminum	10	10	100	3.86E+01	7.12E+01	5.70E+01	9.37E+00	6.24E+01	6.24E+01	6.24E+01
	Grasshopper	AS	Arsenic	0	10	0	8.80E-02	9.41E-02	9.09E-02	1.49E-03	9.17E-02	9.41E-02	9.41E-02
	Grasshopper	BA	Barium	10	10	100	1.50E+00	2.40E+00	1.83E+00	2.83E-01	1.99E+00	1.99E+00	1.99E+00
	Grasshopper	BE	Beryllium	0	10	0	1.95E-03	2.00E-03	2.00E-03	0.00E+00	2.00E-03	2.00E-03	2.00E-03
	Grasshopper	CD	Cadmium	10	10	100	1.10E-01	7.90E-01	4.00E-01	1.74E-01	5.01E-01	5.01E-01	5.01E-01
	Grasshopper	CO	Cobalt	10	10	100	8.00E-02	1.50E-01	1.03E-01	1.95E-02	1.14E-01	1.14E-01	1.14E-01
	Grasshopper	CR	Chromium	10	10	100	2.50E-01	4.70E-01	3.28E-01	6.82E-02	3.68E-01	3.68E-01	3.68E-01
	Grasshopper	CU	Copper	10	10	100	1.68E+01	2.32E+01	2.00E+01	2.05E+00	2.12E+01	2.12E+01	2.12E+01
	Grasshopper	FE	Iron	10	10	100	5.51E+01	8.96E+01	7.42E+01	9.61E+00	7.98E+01	7.98E+01	7.98E+01
	Grasshopper	HG	Mercury	9	10	90	4.80E-03	1.00E-02	9.48E-03	1.49E-03	1.03E-02	1.00E-02	1.00E-02
	Grasshopper	MN	Manganese	10	10	100	4.70E+00	7.90E+00	5.94E+00	1.01E+00	6.52E+00	6.52E+00	6.52E+00
	Grasshopper	NI	Nickel	8	10	80	1.95E-01	6.60E-01	4.31E-01	1.41E-01	5.13E-01	5.13E-01	5.13E-01
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	0	10	0	2.85E-01	1.85E+00	6.67E-01	5.46E-01	9.83E-01	1.85E+00	1.85E-06
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	0	10	0	1.57E-01	1.52E+00	5.29E-01	4.62E-01	7.96E-01	1.52E+00	1.52E-06
	Grasshopper	PB	Lead	8	10	80	1.44E-01	7.90E-01	4.11E-01	1.93E-01	5.23E-01	5.23E-01	5.23E-01
	Grasshopper	SB	Antimony	0	10	0	9.72E-02	1.05E-01	1.02E-01	2.79E-03	1.04E-01	1.05E-01	1.05E-01
	Grasshopper	SE	Selenium	9	10	90	4.63E-02	2.30E-01	1.69E-01	5.66E-02	2.01E-01	2.01E-01	2.01E-01
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	0	10	0	1.47E-01	7.69E-01	3.28E-01	2.13E-01	4.51E-01	7.69E-01	7.69E-07
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	0	10	0	5.00E-02	4.88E-01	1.79E-01	1.53E-01	2.67E-01	4.88E-01	4.88E-07
	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	0	10	0	6.40E-02	5.82E-01	1.97E-01	1.77E-01	3.00E-01	5.82E-01	5.82E-07
	Grasshopper	THCDF	Total hexachlorodibenzofurans	7	10	70	3.00E-03	3.55E-01	2.65E-01	9.78E-02	3.22E-01	3.22E-01	3.22E-07
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	0	10	0	8.75E-02	8.72E-01	2.88E-01	2.82E-01	4.52E-01	8.72E-01	8.72E-07
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	0	10	0	5.20E-02	4.40E-01	1.65E-01	1.47E-01	2.50E-01	4.40E-01	4.40E-07
	Grasshopper	TTCCDD	Total tetrachlorodibenzo-p-dioxins	1	10	10	6.30E-02	8.61E-01	2.29E-01	2.58E-01	3.78E-01	3.78E-01	3.78E-07

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Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
RSA (cont.)	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	0	10	0	5.23E-02	4.08E-01	1.44E-01	1.21E-01	2.14E-01	4.08E-01	4.08E-07
	Grasshopper	V	Vanadium	10	10	100	8.00E-02	1.40E-01	1.13E-01	1.77E-02	1.23E-01	1.23E-01	1.23E-01
	Grasshopper	ZN	Zinc	10	10	100	4.95E+01	6.79E+01	5.48E+01	5.07E+00	5.78E+01	5.78E+01	5.78E+01
	Gumweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	7	0	1.11E-01	1.52E+00	5.57E-01	4.89E-01	9.16E-01	1.52E+00	1.52E-06
	Gumweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	7	0	5.40E-02	7.32E-01	2.61E-01	2.35E-01	4.34E-01	7.32E-01	7.32E-07
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	7	0	9.03E-02	1.17E+00	4.23E-01	3.81E-01	7.03E-01	1.17E+00	1.17E-06
	Gumweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	7	0	4.80E-02	6.30E-01	2.22E-01	2.06E-01	3.74E-01	6.30E-01	6.30E-07
	Gumweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	7	0	8.90E-02	1.20E+00	4.28E-01	3.85E-01	7.11E-01	1.20E+00	1.20E-06
	Gumweed	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	7	0	7.60E-02	9.80E-01	3.54E-01	3.19E-01	5.88E-01	9.80E-01	9.80E-07
	Gumweed	678HXF	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	7	0	3.80E-02	5.03E-01	1.77E-01	1.65E-01	2.98E-01	5.03E-01	5.03E-07
	Gumweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	7	0	5.40E-02	8.15E-01	2.75E-01	2.72E-01	4.75E-01	8.15E-01	8.15E-07
	Gumweed	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	7	14	4.10E-02	4.96E-01	1.75E-01	1.56E-01	2.90E-01	2.90E-01	2.90E-07
	Gumweed	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	7	0	8.20E-02	1.06E+00	3.84E-01	3.45E-01	6.37E-01	1.06E+00	1.06E-06
	Gumweed	789HXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	7	0	5.10E-02	6.75E-01	2.38E-01	2.21E-01	4.00E-01	6.75E-01	6.75E-07
	Gumweed	246TNT	2,4,6-Trinitrotoluene	0	7	0	7.00E+03	7.00E+03	7.00E+03	0.00E+00	0.00E+00	7.00E+03	7.00E+00
	Gumweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	7	0	1.10E+03	1.10E+03	1.10E+03	0.00E+00	0.00E+00	1.10E+03	1.10E+00
	Gumweed	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	0	7	0	8.75E-02	6.05E-01	2.40E-01	1.77E-01	3.69E-01	6.05E-01	6.05E-07
	Gumweed	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	1	7	14	3.95E-02	4.79E-01	1.88E-01	1.51E-01	2.99E-01	2.99E-01	2.99E-07
	Gumweed	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	7	0	3.50E-02	4.90E-01	1.68E-01	1.65E-01	2.89E-01	4.90E-01	4.90E-07
	Gumweed	TCDF	2,3,7,8-Tetrachlorodibenzo-p-dioxin	2	7	29	9.35E-02	8.52E-01	3.91E-01	3.25E-01	6.30E-01	6.30E-01	6.30E-07
	Gumweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	0	7	0	3.40E+01	3.40E+01	3.40E+01	0.00E+00	0.00E+00	3.40E+01	3.40E-02
	Gumweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	7	0	1.15E+01	1.15E+01	1.15E+01	0.00E+00	0.00E+00	1.15E+01	1.15E-02
	Gumweed	AG	Silver	0	7	0	7.84E-02	7.86E-02	7.85E-02	0.00E+00	7.85E-02	7.86E-02	7.86E-02
	Gumweed	AL	Aluminum	5	7	71	4.03E+01	3.01E+02	1.30E+02	9.43E+01	1.99E+02	1.99E+02	1.99E+02
	Gumweed	AS	Arsenic	0	7	0	3.11E-01	3.15E-01	3.14E-01	1.83E-03	3.15E-01	3.15E-01	3.15E-01
	Gumweed	BA	Barium	7	7	100	4.10E+00	2.31E+01	1.43E+01	6.64E+00	1.92E+01	1.92E+01	1.92E+01
	Gumweed	BE	Beryllium	3	7	43	3.00E-03	2.00E-02	7.43E-03	6.58E-03	1.23E-02	1.23E-02	1.23E-02
	Gumweed	BAANTR	Benzo[a]anthracene	0	7	0	4.00E-01	4.00E-01	4.00E-01	0.00E+00	0.00E+00	4.00E-01	4.00E-04
	Gumweed	BKFANT	Benzo[k]fluoranthene	0	7	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Gumweed	CD	Cadmium	3	7	43	2.02E-01	9.40E-01	3.76E-01	2.73E-01	5.76E-01	5.76E-01	5.76E-01
	Gumweed	CHRY	Chrysene	0	7	0	3.45E-01	3.45E-01	3.45E-01	0.00E+00	0.00E+00	3.45E-01	3.45E-04
	Gumweed	CO	Cobalt	3	7	43	3.83E-02	1.20E-01	6.34E-02	3.33E-02	8.79E-02	8.79E-02	8.79E-02
	Gumweed	CR	Chromium	7	7	100	2.20E-01	6.50E-01	3.41E-01	1.48E-01	4.50E-01	4.50E-01	4.50E-01
	Gumweed	CU	Copper	7	7	100	4.80E+00	1.35E+01	7.17E+00	3.45E+00	9.71E+00	9.71E+00	9.71E+00
	Gumweed	FE	Iron	7	7	100	6.58E+01	2.81E+02	1.22E+02	7.42E-01	1.76E+02	1.76E+02	1.76E+02
	Gumweed	FANT	Fluoranthene	0	7	0	1.80E-00	1.80E+00	1.80E+00	1.83E-03	1.80E+00	1.80E+00	1.80E-03
	Gumweed	HG	Mercury	0	7	0	7.90E-03	9.90E-03	9.04E-03	0.00E+00	9.04E-03	9.90E-03	9.90E-03
	Gumweed	MN	Manganese	7	7	100	6.50E+00	6.34E+01	2.66E+01	1.81E+01	4.00E+01	4.00E+01	4.00E+01
	Gumweed	NI	Nickel	7	7	100	3.20E-01	4.70E+00	1.13E+00	1.59E+00	2.29E+00	2.29E+00	2.29E+00
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	3	7	43	7.44E-01	3.55E+00	1.76E+00	1.00E+00	2.50E+00	2.50E+00	2.50E-06
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	1	7	14	1.29E-01	1.82E+00	6.99E-01	5.59E-01	1.11E+00	1.11E+00	1.11E-06

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
RSA (cont.)	Gumweed	PB	Lead	7	7	100	5.40E-01	1.50E+00	1.10E+00	4.49E-01	1.43E+00	1.43E+00	1.43E+00
	Gumweed	PHANTR	Phenanthrene	4	7	57	1.70E-00	1.20E+01	5.88E+00	4.77E+00	9.39E+00	9.39E+00	9.39E+03
	Gumweed	PYR	Pyrene	0	7	0	9.00E-01	9.00E+01	9.00E+01	0.00E+00	0.00E+00	9.00E+01	9.00E-04
	Gumweed	RDX	RDX / Cyclonite	0	7	0	3.95E+03	3.95E+03	3.95E+03	0.00E+00	0.00E+00	3.95E+03	3.95E+00
	Gumweed	SB	Antimony	0	7	0	1.58E-01	1.65E-01	1.63E-01	2.24E-03	1.65E-01	1.65E-01	1.65E-01
	Gumweed	SE	Selenium	1	7	14	2.79E-01	5.70E-01	3.24E-01	1.08E-01	4.04E-01	4.04E-01	4.04E-01
	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	2	7	29	1.11E-01	1.52E+00	6.48E-01	4.72E-01	9.95E-01	9.95E-01	9.95E-07
	Gumweed	THPCDF	Total heptachlorodibenzo-p-dioxins	0	7	0	6.75E-02	9.09E-01	3.25E-01	2.92E-01	9.39E-01	9.09E-01	9.09E-07
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	0	7	0	8.25E-02	1.07E+00	3.85E-01	3.46E-01	6.39E-01	1.07E+00	1.07E-06
	Gumweed	THCDF	Total hexachlorodibenzo-p-dioxins	2	7	29	8.60E-02	5.96E-01	2.77E-01	1.62E-01	3.96E-01	3.96E-01	3.96E-07
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	0	7	0	5.40E-02	8.15E-01	2.75E-01	2.72E-01	4.75E-01	8.15E-01	8.15E-07
	Gumweed	TPCDF	Total pentachlorodibenzo-p-dioxins	1	7	14	4.00E-02	7.37E-01	2.61E-01	2.59E-01	4.51E-01	4.51E-01	4.51E-07
	Gumweed	TTCCDD	Total tetrachlorodibenzo-p-dioxins	1	7	14	3.50E-02	4.90E-01	1.84E-01	1.59E-01	3.01E-01	3.01E-01	3.01E-07
	Gumweed	TTCDF	Total tetrachlorodibenzo-p-dioxins	3	7	43	9.35E-02	1.73E+00	7.47E-01	6.91E-01	1.25E+00	1.25E+00	1.25E-06
	Gumweed	V	Vanadium	4	7	57	5.35E-02	3.80E-01	1.56E-01	1.22E-01	2.45E-01	2.45E-01	2.45E-01
	Gumweed	ZN	Zinc	7	7	100	1.05E+01	2.43E+01	1.75E+01	5.25E+00	2.13E+01	2.13E+01	2.13E+01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	15	0	4.25E-02	5.62E-01	2.45E-01	1.62E-01	3.19E-01	5.62E-01	5.62E-07
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	15	7	4.79E-02	4.03E-01	1.60E-01	1.06E-01	2.08E-01	2.08E-01	2.08E-07
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	4.30E-02	4.91E-01	2.12E-01	1.30E-01	2.71E-01	4.91E-01	4.91E-07
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	2.25E-02	3.20E-01	1.32E-01	8.51E-02	1.70E-01	3.20E-01	3.20E-07
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	15	0	3.70E-02	6.24E-01	2.44E-01	1.66E-01	3.20E-01	6.24E-01	6.24E-07
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	3.60E-02	4.03E-01	1.74E-01	1.07E-01	2.22E-01	4.03E-01	4.03E-07
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	1.80E-02	2.40E-01	9.91E-02	6.39E-02	1.28E-01	2.40E-01	2.40E-07
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	3.00E-02	4.89E-01	1.81E-01	1.19E-01	2.35E-01	4.89E-01	4.89E-07
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	1.65E-02	3.01E-01	1.10E-01	7.40E-02	1.44E-01	3.01E-01	3.01E-07
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	15	0	3.90E-02	3.54E-01	1.53E-01	9.31E-02	1.96E-01	3.54E-01	3.54E-07
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	15	0	2.40E-02	3.22E-01	1.33E-01	8.56E-02	1.72E-01	3.22E-01	3.22E-07
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	15	0	6.00E+02	6.00E+02	6.00E+02	0.00E+00	0.00E+00	6.00E+02	6.00E-01
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	2.15E-02	3.02E-01	1.28E-01	7.79E-02	1.63E-01	3.02E-01	3.02E-07
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	1.60E-02	3.03E-01	1.11E-01	7.45E-02	1.45E-01	3.03E-01	3.03E-07
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0	15	0	1.90E-02	2.80E-01	1.02E-01	6.97E-02	1.34E-01	2.80E-01	2.80E-07
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0	15	0	1.60E-02	2.33E-01	9.22E-02	6.54E-02	1.22E-01	2.33E-01	2.33E-07
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	1	15	7	3.35E-01	2.50E+00	4.79E-01	5.59E-01	7.34E-01	7.34E-01	7.34E-04
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-trichloroethane	0	15	0	5.00E+00	1.00E+01	9.67E+00	1.29E+00	1.03E+01	1.00E+01	1.00E-02
	Jackrabbit	AG	Silver	0	15	0	1.82E-01	1.86E-01	1.84E-01	0.00E+00	1.84E-01	1.86E-01	1.86E-01
	Jackrabbit	AL	Aluminum	15	15	100	1.77E+01	1.53E+02	4.11E+01	3.37E+01	5.65E+01	5.65E+01	5.65E+01
	Jackrabbit	AS	Arsenic	2	15	13	1.23E-01	3.60E-01	1.55E-01	3.72E-02	1.87E-01	1.87E-01	1.87E-01
	Jackrabbit	BA	Barium	14	15	93	2.19E+00	1.25E+01	8.60E+00	3.01E+00	9.97E+00	9.97E+00	9.97E+00
	Jackrabbit	BE	Beryllium	0	15	0	1.95E-03	2.00E-03	1.97E-03	0.00E+00	1.97E-03	2.00E-03	2.00E-03
	Jackrabbit	BA-ANTR	Benzo[a]anthracene	0	15	0	2.45E-01	2.45E-01	2.45E-01	0.00E+00	0.00E+00	2.45E-01	2.45E-04
	Jackrabbit	BK-FANT	Benzo[k]fluoranthene	0	15	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
RSA (cont.)	Jackrabbit	CD	Cadmium	3	15	20	5.46E-02	1.40E-01	7.06E-02	2.94E-02	8.39E-02	8.39E-02	8.39E-02
	Jackrabbit	CHRY	Chrysene	0	15	0	2.80E-01	2.80E-01	2.80E-01	0.00E+00	0.00E+00	2.80E-01	2.80E-04
	Jackrabbit	CO	Cobalt	1	15	7	2.65E-02	1.00E-01	3.15E-02	1.90E-02	4.02E-02	4.02E-02	4.02E-02
	Jackrabbit	CR	Chromium	15	15	100	3.60E-01	5.40E-01	4.02E-01	4.42E-02	4.22E-01	4.22E-01	4.22E-01
	Jackrabbit	CU	Copper	15	15	100	2.00E+00	2.90E+00	2.53E+00	2.63E-01	2.65E+00	2.65E+00	2.65E+00
	Jackrabbit	FE	Iron	15	15	100	7.49E-01	1.81E+02	1.05E+02	2.61E+01	1.16E+02	1.16E+02	1.16E+02
	Jackrabbit	FANT	Fluoranthene	0	15	0	4.30E-01	4.30E-01	4.30E-01	0.00E+00	0.00E+00	4.30E-01	4.30E-04
	Jackrabbit	HG	Mercury	15	15	100	1.00E-02	3.00E-02	1.13E-02	5.00E-03	1.36E-02	1.36E-02	1.36E-02
	Jackrabbit	MN	Manganese	15	15	100	1.40E+00	7.10E+00	2.91E+00	1.36E+00	3.53E+00	3.53E+00	3.53E+00
	Jackrabbit	NI	Nickel	12	15	80	4.90E-02	1.60E-01	1.14E-01	3.60E-02	1.30E-01	1.30E-01	1.30E-01
	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	1	15	7	1.04E-01	9.01E-01	4.05E-01	2.27E-01	5.08E-01	5.08E-01	5.08E-07
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	0	15	0	5.15E-02	7.40E-01	3.25E-01	1.93E-01	4.14E-01	7.40E-01	7.40E-07
	Jackrabbit	PB	Lead	15	15	100	2.60E-01	5.67E+01	1.32E+01	1.65E+01	2.07E+01	2.07E+01	2.07E+01
	Jackrabbit	PHANTR	Phenanthrene	0	15	0	1.85E-01	1.85E-01	1.85E-01	0.00E+00	0.00E+00	1.85E-01	1.85E-04
	Jackrabbit	PYR	Pyrene	0	15	0	1.95E-01	1.95E-01	1.95E-01	0.00E+00	0.00E+00	1.95E-01	1.95E-04
	Jackrabbit	SB	Antimony	1	15	7	2.16E-01	2.20E+00	3.56E-01	5.10E-01	5.88E-01	5.88E-01	5.88E-01
	Jackrabbit	SE	Selenium	13	15	87	1.14E-01	6.20E-01	3.97E-01	1.52E-01	4.66E-01	4.66E-01	4.66E-01
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	0	15	0	4.25E-02	5.62E-01	2.45E-01	1.62E-01	3.19E-01	5.62E-01	5.62E-07
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	1	15	7	4.79E-02	4.92E-01	1.93E-01	1.29E-01	2.52E-01	2.52E-01	2.52E-07
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	0	15	0	3.90E-02	4.09E-01	1.77E-01	1.08E-01	2.26E-01	4.09E-01	4.09E-07
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	1	15	7	2.15E-02	2.92E-01	1.30E-01	7.68E-02	1.65E-01	1.65E-01	1.65E-07
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	0	15	0	3.00E-02	4.89E-01	1.81E-01	1.19E-01	2.33E-01	4.89E-01	4.89E-07
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	1	15	7	1.60E-02	3.02E-01	1.21E-01	7.61E-02	1.56E-01	1.56E-01	1.56E-07
	Jackrabbit	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	15	0	1.90E-02	2.80E-01	1.02E-01	6.97E-02	1.34E-01	2.80E-01	2.80E-07
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	1	15	7	1.60E-02	7.55E-01	1.27E-01	1.82E-01	2.10E-01	2.10E-01	2.10E-07
	Jackrabbit	V	Vanadium	1	15	7	2.73E-02	1.70E-01	3.71E-02	3.67E-02	5.38E-02	5.38E-02	5.38E-02
	Jackrabbit	ZN	Zinc	15	15	100	1.91E+01	2.33E+01	2.09E+01	1.40E+00	2.15E+01	2.15E+01	2.15E+01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5	15	33	1.08E-01	2.02E+00	7.23E-01	5.58E-01	9.76E-01	9.76E-01	9.76E-07
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5	15	33	5.80E-02	1.99E+00	4.28E-01	4.88E-01	6.30E-01	6.30E-01	6.30E-07
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	8.30E-02	1.03E+00	2.96E-01	2.61E-01	4.14E-01	1.03E+00	1.03E-06
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	15	7	4.60E-02	7.26E-01	2.18E-01	2.15E-01	3.15E-01	3.15E-01	3.15E-07
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	0	15	0	8.05E-02	1.30E+00	3.17E-01	3.17E-01	4.61E-01	1.30E+00	1.30E-06
	Rabbitbrush	789HXP	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	15	0	6.95E-02	8.45E-01	2.44E-01	2.14E-01	3.41E-01	8.45E-01	8.45E-07
	Rabbitbrush	789HDF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	15	0	3.70E-02	4.99E-01	1.32E-01	1.24E-01	1.88E-01	4.99E-01	4.99E-07
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	5.95E-02	8.01E-01	2.31E-01	2.20E-01	3.32E-01	8.01E-01	8.01E-07
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	15	0	3.65E-02	5.12E-01	1.43E-01	1.40E-01	2.06E-01	5.12E-01	5.12E-07
	Rabbitbrush	789HDD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	15	0	7.50E-02	7.43E-01	2.24E-01	1.88E-01	3.10E-01	7.43E-01	7.43E-07
	Rabbitbrush	789HDF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	15	0	4.95E-02	6.68E-01	1.77E-01	1.66E-01	2.52E-01	6.68E-01	6.68E-07
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	5	15	33	2.60E+03	3.00E+04	7.68E+03	8.52E+03	1.16E+04	1.16E+04	1.16E+01
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	15	0	7.50E+02	7.50E+02	7.50E+02	0.00E+00	0.00E+00	7.50E+02	7.50E-01
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2	15	13	4.50E-02	6.26E-01	2.18E-01	1.48E-01	2.85E-01	2.85E-01	2.85E-07

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C-Term	C-term (mg/kg)
RSA (cont.)	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	15	0	3.50E-02	5.16E-01	1.43E-01	1.42E-01	2.07E-01	5.16E-01	5.16E-07
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	15	0	3.60E-02	3.60E-01	1.20E-01	1.03E-01	1.66E-01	3.60E-01	3.60E-07
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3	15	20	3.10E-02	5.43E-01	1.63E-01	1.47E-01	2.30E-01	2.30E-01	2.30E-07
	Rabbitbrush	PPDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	4	15	27	1.70E-01	1.30E+02	4.19E+01	4.33E+01	6.16E+01	6.16E+01	6.16E-02
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	2.40E-01	2.40E+01	2.40E+01	0.00E+00	0.00E+00	2.40E+01	2.40E-02
	Rabbitbrush	AG	Silver	0	15	0	7.94E-02	8.10E-02	8.02E-02	0.00E+00	8.02E-02	8.10E-02	8.10E-02
	Rabbitbrush	AL	Aluminum	15	15	100	4.08E-01	2.10E+02	8.73E+01	4.23E+01	1.07E+02	1.07E+02	1.07E+02
	Rabbitbrush	AS	Arsenic	7	15	47	1.20E-01	3.30E-01	2.01E-01	8.80E-02	2.41E-01	2.41E-01	2.41E-01
	Rabbitbrush	BA	Barium	15	15	100	1.90E+00	7.20E+00	3.88E+00	1.74E+00	4.67E+00	4.67E+00	4.67E+00
	Rabbitbrush	BE	Beryllium	0	15	0	2.95E-03	3.00E-03	2.96E-03	0.00E+00	2.96E-03	3.00E-03	3.00E-03
	Rabbitbrush	BAANTR	Benzofuranthracene	0	15	0	1.80E-01	1.80E-01	1.80E-01	0.00E+00	0.00E+00	1.80E-01	1.80E-04
	Rabbitbrush	BKFANT	Benzo[k]fluoranthene	0	15	0	4.05E-01	4.05E-01	4.05E-01	0.00E+00	0.00E+00	4.05E-01	4.05E-04
	Rabbitbrush	CD	Cadmium	15	15	100	1.60E-01	5.90E-01	2.58E-01	1.02E-01	3.04E-01	3.04E-01	3.04E-01
	Rabbitbrush	CHRY	Chrysene	1	15	7	4.15E-01	8.90E-01	4.47E-01	1.23E-01	5.02E-01	5.02E-01	5.02E-04
	Rabbitbrush	CO	Cobalt	0	15	0	4.71E-02	4.80E-02	4.75E-02	0.00E+00	4.75E-02	4.80E-02	4.80E-02
	Rabbitbrush	CR	Chromium	15	15	100	1.60E-01	3.50E-01	2.51E-01	5.90E-02	2.77E-01	2.77E-01	2.77E-01
	Rabbitbrush	CU	Copper	15	15	100	2.50E+00	6.40E+00	4.33E+00	1.07E+00	4.82E+00	4.82E+00	4.82E+00
	Rabbitbrush	FE	Iron	15	15	100	4.75E+01	1.86E+02	8.67E+01	3.69E+01	1.03E+02	1.03E+02	1.03E+02
	Rabbitbrush	FANT	Fluoranthene	13	15	87	6.50E-01	2.90E+00	1.93E+00	6.46E-01	2.23E+00	2.23E+00	2.23E-03
	Rabbitbrush	HG	Mercury	14	15	93	4.95E-03	3.00E-02	1.10E-02	5.35E-03	1.34E-02	1.34E-02	1.34E-02
	Rabbitbrush	MN	Manganese	15	15	100	6.10E+00	4.71E+01	2.79E+01	1.27E+01	3.37E+01	3.37E+01	3.37E+01
	Rabbitbrush	NI	Nickel	15	15	100	3.00E-01	9.50E-01	6.08E-01	1.52E-01	6.77E-01	6.77E-01	6.77E-01
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	5	15	33	1.52E-01	1.04E+01	2.65E+00	3.22E+00	4.11E+00	4.11E+00	4.11E-06
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	5	15	33	1.79E-01	2.63E+00	7.97E-01	7.26E-01	1.13E+00	1.13E+00	1.13E-06
	Rabbitbrush	PB	Lead	15	15	100	3.90E-01	2.70E+00	1.34E+00	6.42E-01	1.63E+00	1.63E+00	1.63E+00
	Rabbitbrush	PHANTR	Phenanthrene	10	15	67	1.85E+00	1.40E+01	5.98E+00	4.01E+00	7.80E+00	7.80E+00	7.80E-03
	Rabbitbrush	PYR	Pyrene	13	15	87	1.55E-01	1.10E+00	6.60E-01	2.64E-01	7.80E-01	7.80E-01	7.80E-04
	Rabbitbrush	RDX	RDX / Cyclonite	0	15	0	6.00E+03	7.00E+03	6.70E+03	3.16E+02	6.84E+03	7.00E+03	7.00E+00
	Rabbitbrush	SB	Antimony	0	15	0	2.41E-01	2.65E-01	2.53E-01	9.56E-03	2.57E-01	2.65E-01	2.65E-01
	Rabbitbrush	SE	Selenium	0	15	0	2.05E-01	2.23E-01	2.13E-01	5.21E-03	2.16E-01	2.23E-01	2.23E-01
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	5	15	33	1.08E-01	3.96E+00	1.01E+00	1.11E+00	1.51E+00	1.51E+00	1.51E-06
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	5	15	33	7.20E-02	1.99E+00	4.98E-01	5.21E-01	7.34E-01	7.34E-01	7.34E-07
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	0	15	0	7.55E-02	8.58E-01	2.86E-01	2.33E-01	3.92E-01	8.58E-01	8.58E-07
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	4	15	27	4.40E-02	5.04E+00	5.77E-01	1.25E+00	1.14E+00	1.14E+00	1.14E-06
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	2	15	13	5.95E-02	8.01E-01	2.52E-01	2.11E-01	3.48E-01	3.48E-01	3.48E-07
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	4	15	27	4.90E-02	5.14E-01	2.05E-01	1.30E-01	2.65E-01	2.65E-01	2.65E-07
	Rabbitbrush	TTCDD	Total tetrachlorodibenzo-p-dioxins	5	15	33	4.25E-02	3.60E-01	1.61E-01	9.25E-02	2.03E-01	2.03E-01	2.03E-07
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	5	15	33	3.45E-02	1.72E+00	3.11E-01	4.33E-01	5.07E-01	5.07E-01	5.07E-07
	Rabbitbrush	V	Vanadium	10	15	67	3.94E-02	2.70E-01	9.72E-02	6.34E-02	1.26E-01	1.26E-01	1.26E-01
	Rabbitbrush	ZN	Zinc	15	15	100	7.10E+00	1.60E+01	1.12E+01	2.11E+00	1.22E+01	1.22E+01	1.22E+01
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3	15	20	1.09E-01	3.19E+00	5.82E-01	7.75E-01	9.34E-01	9.34E-01	9.34E-07

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Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detections	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	Cterm	Cterm (mg/kg)
RSA (cont.)	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	5	15	33	5.80E-02	1.00E+01	8.78E-01	2.54E+00	2.03E+00	2.03E+00	2.03E-06
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	15	7	6.60E-02	5.61E-01	2.25E-01	1.49E-01	2.92E-01	2.92E-01	2.92E-07
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	15	7	3.05E-02	1.34E+00	2.04E-01	3.24E-01	2.92E-01	3.51E-01	3.51E-07
	Sweetclover	789HPF	1,2,3,4,7,8-Heptachlorodibenzofuran	0	15	0	7.45E-02	4.35E-01	2.06E-01	1.09E-01	2.56E-01	4.35E-01	4.35E-07
	Sweetclover	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2	15	13	5.55E-02	5.99E-01	2.13E-01	1.62E-01	2.87E-01	2.87E-01	2.87E-07
	Sweetclover	78HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2	15	13	2.45E-02	4.45E-01	1.34E-01	1.23E-01	1.89E-01	1.89E-01	1.89E-07
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	15	0	3.70E-02	3.52E-01	1.34E-01	8.69E-02	1.73E-01	3.52E-01	3.52E-07
	Sweetclover	789HDX	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2	15	13	1.80E-02	2.41E-01	7.78E-02	5.89E-02	1.05E-01	2.41E-01	2.41E-07
	Sweetclover	789HXF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2	15	13	6.00E-02	5.70E-01	2.17E-01	1.45E-01	2.82E-01	2.82E-01	2.82E-07
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	1	15	7	3.30E-02	4.78E-01	1.50E-01	1.30E-01	2.09E-01	2.09E-01	2.09E-07
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	1	15	7	1.05E+02	2.70E+02	1.20E+02	4.14E+01	1.39E+02	1.39E+02	1.39E-01
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1	15	7	6.50E+02	1.40E+04	1.54E+03	3.45E+03	3.11E+03	3.11E+03	3.11E+00
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	9	15	60	5.63E-02	7.76E-01	2.66E-01	1.80E-01	3.48E-01	3.48E-01	3.48E-07
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	15	7	1.73E-02	4.68E-01	1.01E-01	1.16E-01	1.54E-01	1.54E-01	1.54E-07
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	15	0	1.65E-02	2.53E-01	8.04E-02	6.24E-02	1.09E-01	2.53E-01	2.53E-07
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	15	0	1.35E-02	2.48E-01	1.03E-01	6.63E-02	1.33E-01	2.48E-01	2.48E-07
	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	15	0	1.35E+00	1.35E+00	1.35E+00	0.00E+00	0.00E+00	1.35E+00	1.35E-03
	Sweetclover	AG	Silver	0	15	0	3.00E+00	3.00E+00	3.00E+00	0.00E+00	0.00E+00	3.00E+00	3.00E-02
	Sweetclover	AL	Aluminum	14	15	93	5.64E+00	6.50E+01	3.38E+01	1.57E+01	4.10E+01	4.10E+01	4.10E+01
	Sweetclover	AS	Arsenic	4	15	27	1.46E-01	4.90E-01	2.21E-01	1.30E-01	2.80E-01	2.80E-01	2.80E-01
	Sweetclover	BA	Barium	15	15	100	7.10E+00	2.70E+01	1.30E+01	5.31E+00	1.54E+01	1.54E+01	1.54E+01
	Sweetclover	BE	Beryllium	0	15	0	1.95E-03	2.00E-03	1.98E-03	0.00E+00	1.98E-03	2.00E-03	2.00E-03
	Sweetclover	BAANTR	Benzofuranthracene	0	15	0	2.50E-01	2.50E-01	2.50E-01	0.00E+00	0.00E+00	2.50E-01	2.50E-04
	Sweetclover	BKFANT	Benzofluoranthene	0	15	0	2.25E-01	2.25E-01	2.25E-01	0.00E+00	0.00E+00	2.25E-01	2.25E-04
	Sweetclover	CD	Cadmium	1	15	7	6.31E-02	1.60E-01	7.08E-02	2.46E-02	8.20E-02	8.20E-02	8.20E-02
	Sweetclover	CHRY	Chrysene	1	15	7	3.10E-01	6.40E-01	3.32E-01	8.52E-02	3.71E-01	3.71E-01	3.71E-04
	Sweetclover	CO	Cobalt	7	15	47	3.53E-02	2.00E-01	7.30E-02	5.02E-02	9.58E-02	9.58E-02	9.58E-02
	Sweetclover	CR	Chromium	15	15	100	1.60E-01	3.60E-01	2.25E-01	5.90E-02	2.52E-01	2.52E-01	2.52E-01
	Sweetclover	CU	Copper	15	15	100	2.00E+00	1.38E+01	4.44E+00	3.21E+00	5.90E+00	5.90E+00	5.90E+00
	Sweetclover	FE	Iron	15	15	100	1.13E+01	8.45E+01	3.87E+01	1.89E+01	4.73E+01	4.73E+01	4.73E+01
	Sweetclover	FANT	Fluoranthene	10	15	67	3.00E-01	1.40E+00	7.09E-01	3.52E-01	8.69E-01	8.69E-01	8.69E-04
	Sweetclover	HG	Mercury	11	15	73	4.90E-03	2.00E-02	9.99E-03	4.63E-03	1.21E-02	1.21E-02	1.21E-02
	Sweetclover	MN	Manganese	15	15	100	4.10E+00	1.66E+01	9.71E+00	3.30E+00	1.12E+01	1.12E+01	1.12E+01
	Sweetclover	NI	Nickel	15	15	100	2.60E-01	1.30E+00	4.96E-01	3.04E-01	6.34E-01	6.34E-01	6.34E-01
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	1	15	7	5.61E-01	3.21E+01	4.09E+00	7.86E+00	7.66E+00	7.66E+00	7.66E-06
	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	6	15	40	1.56E-01	1.89E+01	1.86E+00	4.74E+00	4.01E+00	4.01E+00	4.01E-06
	Sweetclover	PB	Lead	15	15	100	2.90E-01	6.70E-01	4.49E-01	1.15E-01	5.02E-01	5.02E-01	5.02E-01
	Sweetclover	PHANTR	Phenanthrene	12	15	80	7.00E-01	5.10E+00	2.53E+00	1.30E+00	3.12E+00	3.12E+00	3.12E-03
	Sweetclover	PYR	Pyrene	11	15	73	1.10E-01	5.80E-01	3.23E-01	1.58E-01	3.95E-01	3.95E-01	3.95E-04
	Sweetclover	RDX	RDX / Cyclonite	2	15	13	1.95E+02	1.70E+03	3.16E+02	3.87E+02	4.92E+02	4.92E+02	4.92E-01

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	C Term	C term (mg/kg)
RSA (cont.)	Sweetclover	SB	Antimony	0	15	0	4.85E-01	5.00E-01	4.97E-01	4.23E-03	4.99E-01	5.00E-01	5.00E-01
	Sweetclover	SE	Selenium	0	15	0	2.96E-01	3.05E-01	3.02E-01	2.54E-03	3.03E-01	3.03E-01	3.03E-01
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	7	15	47	1.28E-01	6.29E+00	9.20E-01	1.53E+00	1.62E+00	1.62E+00	1.62E+06
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	6	15	40	7.20E-02	1.05E+01	9.83E-01	2.64E+00	2.18E+00	2.18E+00	2.18E-06
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	3	15	20	6.00E-02	1.73E+00	3.50E-01	4.17E-01	5.40E-01	5.40E-01	5.40E-07
	Sweetclover	THCDF	Total hexachlorodibenzofurans	10	15	67	5.55E-02	3.57E+00	5.46E-01	9.23E-01	9.66E-01	9.66E-01	9.66E-07
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	0	15	0	3.70E-02	3.52E-01	1.34E-01	8.69E-02	1.73E-01	3.52E-01	3.52E-07
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	6	15	40	3.80E-02	4.68E-01	1.58E-01	1.28E-01	2.16E-01	2.16E-01	2.16E-07
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	5	15	33	4.50E-02	2.53E-01	1.14E-01	5.86E-02	1.40E-01	1.40E-01	1.40E-07
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	7	15	47	2.10E-02	1.09E+00	2.46E-01	2.80E-01	3.73E-01	3.73E-01	3.73E-07
	Sweetclover	V	Vanadium	0	15	0	6.08E-02	6.19E-02	6.13E-02	0.00E+00	6.13E-02	6.19E-02	6.19E-02
	Sweetclover	ZN	Zinc	15	15	100	2.00E+00	1.88E+01	4.54E+00	4.14E+00	6.42E+00	6.42E+00	6.42E+00
	Beetle	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Beetle	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
ESA-1 (a)	Beetle	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Grashopper	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Grashopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Grashopper	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grashopper	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grashopper	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grashopper	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E-01	1.45E-03
	Grashopper	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grashopper	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
ESA-2	Grashopper	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Jackrabbit	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00
	Jackrabbit	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00
	Beetle	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Beetle	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Beetle	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Beetle	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Beetle	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Beetle	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Grasshopper	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Grasshopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Grasshopper	BA4NTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	6.00E+02	6.00E-01
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	4.25E-06
	Jackrabbit	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	AG	Silver	0	0	0	0	0	0	0	0	0.00E+00	1.86E-01
	Jackrabbit	AL	Aluminum	0	0	0	0	0	0	0	0	0.00E+00	4.33E+00
	Jackrabbit	AS	Arsenic	0	0	0	0	0	0	0	0	0.00E+00	1.34E-01
	Jackrabbit	BA	Barium	0	0	0	0	0	0	0	0	0.00E+00	1.67E+01
	Jackrabbit	BA4NTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	BE	Beryllium	0	0	0	0	0	0	0	0	0.00E+00	1.30E-03
	Jackrabbit	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CD	Cadmium	0	0	0	0	0	0	0	0	0.00E+00	4.48E-01
	Jackrabbit	CHRY	Chrysene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	CO	Cobalt	0	0	0	0	0	0	0	0	0.00E+00	2.61E-03
	Jackrabbit	CR	Chromium	0	0	0	0	0	0	0	0	0.00E+00	4.98E-02
	Jackrabbit	CU	Copper	0	0	0	0	0	0	0	0	0.00E+00	4.00E+01
	Jackrabbit	FANT	Fluoranthene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	FE	Iron	0	0	0	0	0	0	0	0	0.00E+00	4.77E+01
	Jackrabbit	HG	Mercury	0	0	0	0	0	0	0	0	0.00E+00	1.33E-02
	Jackrabbit	MN	Manganese	0	0	0	0	0	0	0	0	0.00E+00	2.68E-01
	Jackrabbit	NI	Nickel	0	0	0	0	0	0	0	0	0.00E+00	4.96E-02

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	Cterm (mg/kg)
ESA-2 (cont.)	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	0	0	0	0	0	0	0	0	0.00E+00	3.29E-05
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	PB	Lead	0	0	0	0	0	0	0	0	0.00E+00	1.36E+02
	Jackrabbit	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0	0	0	0	0	0	0	0	0.00E+00	4.11E-03
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0	0	0	0	0	0	0	0	0.00E+00	1.84E-02
	Jackrabbit	PYR	Pyrene	0	0	0	0	0	0	0	0	3.03E+00	3.03E-03
	Jackrabbit	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	0.00E+00	0.00E+00
	Jackrabbit	SB	Antimony	0	0	0	0	0	0	0	0	0.00E+00	3.49E+00
	Jackrabbit	SE	Selenium	0	0	0	0	0	0	0	0	0.00E+00	4.20E-01
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	0	0	0	0	0	0	0	0	0.00E+00	2.09E-07
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	0	0	0	0	0	0	0	0	0.00E+00	8.98E-08
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	0	0	0	0	0	0	0	0	0.00E+00	4.23E-06
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	0	0	0	0	0	0	0	0	0.00E+00	5.82E-05
	Jackrabbit	TTCDD	Total tetrachlorodibenzo-p-dioxins	0	0	0	0	0	0	0	0	0.00E+00	2.09E-07
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	0	0	0	0	0	0	0	0	0.00E+00	8.98E-08
	Jackrabbit	V	Vanadium	0	0	0	0	0	0	0	0	0.00E+00	2.77E-02
	Jackrabbit	ZN	Zinc	0	0	0	0	0	0	0	0	0.00E+00	1.03E+02
RSA	Beetle	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Beetle	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Beetle	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Beetle	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Beetle	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Beetle	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Beetle	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Beetle	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Beetle	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	1.88E+01	1.88E-02
	Grasshopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	0	0	0	0	0	0	0	0	8.50E+01	8.50E-02
	Grasshopper	BAANTR	Benzo[a]anthracene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	BKFANT	Benzo[k]fluoranthene	0	0	0	0	0	0	0	0	5.50E-01	5.50E-04
	Grasshopper	CHRY	Chrysene	0	0	0	0	0	0	0	0	6.50E-01	6.50E-04
	Grasshopper	FANT	Fluoranthene	0	0	0	0	0	0	0	0	1.45E+00	1.45E-03
	Grasshopper	PHANTR	Phenanthrene	0	0	0	0	0	0	0	0	1.70E+00	1.70E-03
	Grasshopper	PYR	Pyrene	0	0	0	0	0	0	0	0	6.00E-01	6.00E-04
	Grasshopper	RDX	RDX / Cyclonite	0	0	0	0	0	0	0	0	6.40E+00	6.40E-03
	Jackrabbit	246TNT	2,4,6-Trinitrotoluene	0	0	0	0	0	0	0	0	0.00E+00	0

Summary Statistics for Biota-ESA Basis (continued)

ESA	Matrix	Analyte		No. of Detects	No. of Samples	Detection Frequency	Minimum	Maximum	Mean	Standard Deviation	UCL95	CTerm	CTerm (mg/kg)
		Code	Analyte										
<i>RSA (cont.)</i>	<i>Jackrabbit</i>	<i>RDX</i>	<i>RDX/Cyclonite</i>	0	0	0	0	0	0	0	0	0.00E+00	0

*Italics indicate that the Cterm value represents modeled or calculated data, or data based on 1/2 the method detection limit.

Final Hazard Quotients for Analytes in Biota - ESA Basis

ESA	Matrix	Analyte Code	Analyte	Great										Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox	Plants					
ESA-1	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.17E-02	2.95E-03	7.79E-03	1.55E-04	1.55E-04	8.74E-02	2.81E-03	3.03E-02	2.08E-03	ND ⁰	ND	ND	ND	ND	ND
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzo-furan	1.77E-03	6.40E-05	1.69E-06	3.38E-06	3.38E-06	1.90E-03	6.10E-05	6.63E-04	4.51E-05	ND	ND	ND	ND	ND	ND
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.64E-02	5.91E-04	1.56E-05	3.12E-05	3.12E-05	1.90E-02	5.63E-04	6.12E-05	4.17E-04	ND	ND	ND	ND	ND	ND
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-furan	5.74E-05	2.07E-06	5.48E-08	1.09E-07	1.09E-07	6.14E-05	1.97E-06	2.15E-05	1.46E-06	ND	ND	ND	ND	ND	ND
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-furan	2.42E-04	8.73E-06	2.31E-07	4.61E-07	4.61E-07	2.59E-04	8.32E-06	9.05E-05	6.16E-06	ND	ND	ND	ND	ND	ND
	Beetle	678HDXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.10E-01	3.95E-03	1.05E-04	2.08E-04	2.08E-04	1.17E-01	3.77E-03	4.09E-02	2.78E-03	ND	ND	ND	ND	ND	ND
	Beetle	678HDXF	1,2,3,6,7,8-Hexachlorodibenzo-furan	2.61E-05	9.41E-07	2.49E-08	4.96E-08	4.96E-08	2.79E-05	8.97E-07	9.75E-06	6.63E-07	ND	ND	ND	ND	ND	ND
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.34E-03	1.57E-04	1.19E-04	2.39E-04	2.39E-04	1.34E-01	4.31E-03	4.68E-02	3.18E-03	ND	ND	ND	ND	ND	ND
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzo-furan	1.45E-04	5.23E-06	4.14E-06	8.31E-06	8.31E-06	4.66E-03	1.50E-04	1.63E-03	1.11E-04	ND	ND	ND	ND	ND	ND
	Beetle	789HDXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.09E-04	3.93E-06	1.04E-07	2.07E-07	2.07E-07	1.55E-04	4.99E-06	5.42E-05	3.69E-06	ND	ND	ND	ND	ND	ND
	Beetle	789HDXF	1,2,3,7,8,9-Hexachlorodibenzo-furan	1.93E-02	6.96E-04	1.84E-05	3.67E-05	3.67E-05	2.07E-02	6.64E-04	7.22E-03	4.91E-04	ND	ND	ND	ND	ND	ND
	Beetle	234PCF	2,3,4,6,7,8-Pentachlorodibenzo-furan	7.02E-02	2.53E-03	6.70E-05	1.34E-04	1.34E-04	7.53E-02	2.42E-03	2.63E-02	1.79E-03	ND	ND	ND	ND	ND	ND
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzo-dioxin	1.51E-01	5.46E-03	1.44E-04	2.88E-04	2.88E-04	1.62E-01	5.20E-03	5.65E-02	3.85E-03	ND	ND	ND	ND	ND	ND
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzo-furan	6.89E-03	2.48E-04	6.57E-06	1.31E-05	1.31E-05	9.82E-03	2.37E-04	2.57E-03	1.75E-04	ND	ND	ND	ND	ND	ND
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.98E+00	1.08E-01	2.85E-03	2.85E-03	1.14E-03	7.51E-03	1.81E-04	1.97E-03	1.34E-04	ND	ND	ND	ND	ND	2.15E-04
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	9.72E-01	3.50E-02	9.27E-04	9.27E-04	3.71E-04	2.45E-03	5.91E-05	6.43E-04	4.37E-05	ND	ND	ND	ND	ND	7.00E-05
	Beetle	AG	Silver	2.34E-02	8.42E-04	2.23E-05	4.44E-05	4.44E-05	1.15E-03	1.77E-05	2.40E-04	1.63E-05	2.10E-02	ND	ND	ND	ND	2.10E-02
	Beetle	AL	Aluminum	ND	ND	ND	ND	ND	2.61E+00	6.30E-02	5.48E-01	4.65E-02	1.60E-01	ND	ND	ND	ND	4.18E-02
	Beetle	AS	Arsenic	1.39E+00	5.01E-02	1.32E-03	2.65E-03	2.65E-03	8.20E-01	2.64E-02	2.87E-01	1.96E-02	2.80E-01	ND	ND	ND	ND	4.67E-02
	Beetle	BA	Barium	4.08E-01	1.47E-02	3.89E-04	7.78E-04	7.78E-04	5.35E-01	1.73E-02	1.88E-01	1.27E-02	1.14E-02	ND	ND	ND	ND	1.14E-02
	Beetle	BE	Beryllium	1.43E-04	5.16E-06	1.37E-07	2.73E-07	2.73E-07	5.25E-05	1.69E-06	1.84E-05	1.25E-06	2.00E-04	ND	ND	ND	ND	2.00E-04
	Beetle	CD	Cadmium	4.70E+00	1.69E-01	4.48E-03	8.32E-03	8.32E-03	1.97E-01	6.31E-02	6.87E-02	4.67E-02	1.47E-01	ND	ND	ND	ND	1.47E-01
	Beetle	CO	Cobalt	1.24E-03	4.47E-05	1.18E-06	2.36E-06	2.36E-06	6.98E-01	2.15E-02	2.34E-01	1.99E-02	7.50E-03	ND	ND	ND	ND	7.50E-03
	Beetle	CR	Chromium	2.56E+00	9.24E-02	2.44E-03	4.89E-03	4.89E-03	4.46E-02	8.61E-04	9.36E-03	5.09E-04	6.40E-03	ND	ND	ND	ND	6.40E-03
	Beetle	CU	Copper	1.53E+00	5.52E-02	1.46E-03	2.92E-03	2.92E-03	2.89E+00	5.58E-02	6.06E-01	3.30E-02	1.22E-01	ND	ND	ND	ND	1.22E-01
	Beetle	FE	Iron	2.63E+00	9.50E-02	2.51E-03	5.03E-03	5.03E-03	8.44E+00	5.88E-02	2.95E+00	2.00E-01	1.48E-01	ND	ND	ND	ND	1.48E-01
	Beetle	HG	Mercury	8.33E-02	3.00E-03	7.95E-05	1.59E-04	1.59E-04	3.38E-02	8.28E-04	9.00E-03	6.12E-04	1.00E-01	ND	ND	ND	ND	1.00E-01
	Beetle	MN	Manganese	1.91E-01	6.90E-03	1.83E-04	3.65E-04	3.65E-04	1.89E-01	6.08E-03	6.61E-02	4.50E-03	2.26E-02	ND	ND	ND	ND	2.26E-02
	Beetle	NI	Nickel	2.10E-01	7.57E-03	2.00E-04	4.00E-04	4.00E-04	3.11E-02	9.99E-04	1.09E-02	7.39E-04	3.52E-03	ND	ND	ND	ND	3.52E-03
	Beetle	OCDD	Octachlorodibenzo-dioxin - nonspecific	5.57E-04	2.01E-05	5.32E-07	1.06E-06	1.06E-06	5.97E-04	2.33E-05	2.54E-04	1.72E-05	ND	ND	ND	ND	ND	ND
	Beetle	OCDF	Octachlorodibenzo-furan - nonspecific	6.78E-04	2.45E-05	6.47E-07	1.29E-06	1.29E-06	7.26E-04	2.33E-05	2.54E-04	1.72E-05	ND	ND	ND	ND	ND	ND
	Beetle	PB	Lead	1.87E+00	1.35E-02	1.78E-03	2.85E-03	2.85E-03	1.09E+00	3.50E-02	3.80E-01	2.59E-02	7.89E-03	ND	ND	ND	ND	7.89E-03
	Beetle	SB	Antimony	ND	ND	ND	ND	ND	1.10E+00	3.33E-02	3.84E-01	2.61E-02	1.18E-01	ND	ND	ND	ND	2.61E-02
	Beetle	SE	Selenium	1.82E+00	6.55E-02	1.73E-03	3.22E-03	3.22E-03	1.26E+00	3.05E-02	3.32E-01	2.26E-02	1.70E-01	ND	ND	ND	ND	2.26E-02
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	2.69E-03	9.69E-05	2.56E-06	5.11E-06	5.11E-06	2.88E-01	9.24E-03	1.00E-01	6.83E-03	ND	ND	ND	ND	ND	6.83E-03
	Beetle	THPCDF	Total heptachlorodibenzo-furans	2.05E-03	7.38E-05	1.95E-06	3.89E-06	3.89E-06	2.19E-01	7.03E-03	7.65E-02	5.20E-03	ND	ND	ND	ND	ND	5.20E-03
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	1.56E-02	5.63E-04	1.49E-05	2.97E-05	2.97E-05	1.67E-01	5.36E-03	5.83E-02	3.97E-03	ND	ND	ND	ND	ND	3.97E-03
	Beetle	THCDF	Total hexachlorodibenzo-furans	1.03E-02	3.71E-04	9.81E-06	1.96E-05	1.96E-05	1.10E-01	3.33E-03	3.84E-02	2.61E-03	ND	ND	ND	ND	ND	2.61E-03
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	1.52E-01	5.49E-03	2.92E-04	2.92E-04	2.92E-04	3.27E-01	1.05E-02	1.14E-01	7.77E-03	ND	ND	ND	ND	ND	7.77E-03
	Beetle	TPCDF	Total pentachlorodibenzo-furans	4.42E-01	1.59E-02	4.22E-04	8.46E-04	8.46E-04	9.30E-01	3.05E-02	3.32E-01	2.26E-02	ND	ND	ND	ND	ND	2.26E-02
	Beetle	TTCCDD	Total tetrachlorodibenzo-p-dioxins	2.71E-01	9.79E-03	2.59E-04	5.16E-04	5.16E-04	2.90E-01	9.33E-03	1.01E-01	6.90E-03	ND	ND	ND	ND	ND	6.90E-03
	Beetle	TTCDF	Total tetrachlorodibenzo-furans	2.50E-02	9.03E-04	2.39E-05	4.77E-05	4.77E-05	2.68E-02	8.61E-04	9.36E-03	6.37E-04	ND	ND	ND	ND	ND	6.37E-04

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kill Fox	Plants	Soil Fauna
ESA-1 (cont.)	Beetle	VN	Vanadium	ND	ND	ND	ND	ND	1.68E-01	2.57E-03	3.53E-02	2.36E-03	1.20E-01	ND
	Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.46E+01	5.28E-01	1.40E-02	2.79E-02	2.79E-02	3.11E+00	4.80E-02	6.53E-01	4.44E-02	1.14E+00	2.85E-01
	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.71E-03	9.79E-05	2.59E-06	5.16E-06	5.16E-06	2.90E-03	9.33E-05	1.01E-03	6.90E-05	ND	ND
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.18E-03	4.27E-05	1.13E-06	2.25E-06	2.25E-06	1.27E-03	4.07E-05	4.43E-04	3.01E-05	ND	ND
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.34E-02	4.84E-04	1.28E-05	2.55E-05	2.55E-05	1.44E-02	4.61E-04	5.01E-03	3.41E-04	ND	ND
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	9.71E-05	3.50E-06	9.26E-08	1.85E-07	1.85E-07	1.04E-04	3.34E-06	3.63E-05	2.47E-06	ND	ND
	Grasshopper	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.61E-04	5.82E-06	1.54E-07	3.07E-07	3.07E-07	1.73E-04	5.54E-06	6.03E-05	4.10E-06	ND	ND
	Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.31E-02	4.74E-04	1.25E-05	2.50E-05	2.50E-05	1.41E-02	4.52E-04	4.92E-03	3.34E-04	ND	ND
	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	7.31E-05	2.63E-06	6.97E-08	1.39E-07	1.39E-07	7.82E-05	2.51E-06	2.73E-05	1.86E-06	ND	ND
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	6.81E-02	2.46E-03	6.50E-05	1.30E-04	1.30E-04	7.31E-02	2.35E-03	2.56E-02	1.74E-03	ND	ND
	Grasshopper	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.42E-03	1.59E-04	4.22E-06	8.46E-06	8.46E-06	4.74E-03	1.52E-04	1.66E-03	1.13E-04	ND	ND
	Grasshopper	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.19E-04	4.29E-06	1.14E-07	2.26E-07	2.26E-07	1.27E-04	4.09E-06	4.45E-05	3.02E-06	ND	ND
	Grasshopper	234PCF	2,3,4,6,7,8-Hexachlorodibenzofuran	9.29E-05	3.34E-06	8.86E-08	1.77E-07	1.77E-07	9.94E-05	3.19E-06	3.47E-05	2.36E-06	ND	ND
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.41E-02	5.08E-04	1.34E-05	2.68E-05	2.68E-05	1.51E-02	4.84E-04	5.27E-03	3.38E-04	ND	ND
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	8.35E-02	3.01E-03	7.97E-05	1.59E-04	1.59E-04	8.94E-02	2.87E-03	3.12E-02	2.12E-03	ND	ND
	Grasshopper	PPDD	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	7.31E-03	2.63E-04	6.97E-06	1.39E-05	1.39E-05	1.04E-02	2.51E-04	2.73E-03	1.86E-04	ND	ND
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.18E-01	4.26E-03	1.13E-04	1.13E-04	1.13E-04	2.97E-04	7.18E-06	7.80E-05	5.31E-06	ND	8.50E-06
	Grasshopper	AG	Silver	8.33E-02	3.00E-03	7.95E-05	7.95E-05	7.95E-05	2.10E-04	5.06E-06	5.51E-05	3.75E-06	ND	6.00E-06
	Grasshopper	AL	Aluminum	2.33E-02	8.39E-04	2.22E-05	4.42E-05	4.42E-05	1.14E-03	1.76E-05	2.40E-04	1.63E-05	2.09E-02	ND
	Grasshopper	AS	Arsenic	ND	ND	ND	ND	ND	3.64E-01	8.77E-03	7.63E-02	6.48E-03	2.23E-02	5.82E-03
	Grasshopper	BA	Barium	4.71E-02	1.70E-03	4.49E-05	8.99E-05	8.99E-05	2.78E-02	8.97E-04	9.75E-03	6.63E-04	9.50E-03	1.58E-03
	Grasshopper	BE	Beryllium	1.07E-01	3.87E-03	1.02E-04	2.05E-04	2.05E-04	1.41E-01	4.54E-03	4.94E-02	3.34E-03	3.00E-03	ND
	Grasshopper	CD	Cadmium	1.43E-04	5.16E-06	1.37E-07	2.73E-07	2.73E-07	5.23E-05	1.69E-06	1.84E-05	1.25E-06	2.00E-04	ND
	Grasshopper	CO	Cobalt	3.84E+00	1.39E-01	3.67E-03	6.81E-03	6.81E-03	1.61E-01	5.17E-03	5.62E-02	3.82E-03	1.20E-01	1.80E-02
	Grasshopper	CR	Chromium	2.71E-04	9.77E-06	2.59E-07	5.17E-07	5.17E-07	1.59E-01	4.71E-03	5.12E-02	4.35E-03	1.64E-03	ND
	Grasshopper	CU	Copper	1.17E+00	4.24E-03	1.12E-03	2.24E-03	2.24E-03	2.03E-02	3.93E-04	4.29E-03	2.33E-04	2.93E-03	5.50E-01
	Grasshopper	FE	Iron	3.04E+00	1.10E-01	2.90E-03	5.80E-03	5.80E-03	5.73E+00	1.11E-01	1.20E+00	6.55E-02	2.42E-01	2.89E-01
	Grasshopper	HG	Mercury	6.05E-01	2.18E-02	5.77E-04	1.15E-03	1.15E-03	1.94E+00	6.24E-02	6.78E-01	4.60E-02	ND	3.40E-02
	Grasshopper	MN	Manganese	2.78E-02	1.00E-03	2.65E-05	5.30E-05	5.30E-05	1.13E-02	2.76E-04	3.00E-03	2.04E-04	3.33E-02	1.00E-02
	Grasshopper	NI	Nickel	3.37E-02	1.21E-03	3.21E-05	6.42E-05	6.42E-05	3.33E-02	1.07E-03	1.16E-02	7.91E-04	3.98E-03	ND
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	1.88E-01	6.80E-03	1.80E-04	3.60E-04	3.60E-04	2.79E-02	8.97E-04	9.75E-03	6.63E-04	3.16E-03	3.95E-03
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	1.15E-03	4.14E-05	1.10E-06	2.18E-06	2.18E-06	1.23E-03	3.95E-05	4.29E-04	2.92E-05	ND	ND
	Grasshopper	PB	Lead	3.50E-04	1.26E-05	3.34E-07	6.65E-07	6.65E-07	3.74E-04	1.20E-05	1.31E-04	8.89E-06	ND	ND
	Grasshopper	SB	Antimony	2.73E-01	1.97E-03	2.60E-04	4.17E-04	4.17E-04	1.59E-01	5.11E-03	5.56E-02	3.78E-03	1.15E-03	9.41E-04
	Grasshopper	SE	Selenium	ND	ND	ND	ND	ND	1.93E-01	6.28E-03	6.83E-02	4.64E-03	2.10E-02	ND
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	2.03E+00	7.32E-02	1.94E-03	3.59E-03	3.59E-03	1.41E+00	3.41E-02	3.71E-01	2.52E-02	1.90E-01	2.71E-03
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	7.45E-03	2.69E-04	7.11E-06	1.42E-05	1.42E-05	7.97E-01	2.56E-02	2.78E-01	1.89E-02	ND	ND
	Grasshopper			1.37E-03	4.93E-05	1.30E-06	2.60E-06	2.60E-06	1.46E-01	4.70E-03	5.11E-02	3.48E-03	ND	ND

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Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	1.28E-02	4.61E-04	1.22E-05	2.43E-05	2.43E-05	1.37E-01	4.39E-03	4.78E-02	3.25E-03	3.25E-03	ND	ND
	Grasshopper	THCDF	Total hexachlorodibenzofurans	3.10E-02	1.12E-03	2.96E-05	5.90E-05	5.90E-05	3.32E-01	1.07E-02	1.16E-01	7.89E-03	7.89E-03	ND	ND
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	6.81E-02	2.46E-03	6.50E-05	1.30E-04	1.30E-04	1.46E-01	4.70E-03	5.11E-02	3.48E-03	3.48E-03	ND	ND
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	4.24E-02	1.53E-03	4.04E-05	8.12E-05	8.12E-05	9.10E-02	2.92E-03	3.18E-02	2.16E-03	2.16E-03	ND	ND
	Grasshopper	TCDD	Total tetrachlorodibenzo-p-dioxins	8.35E-02	3.01E-03	7.97E-05	1.59E-04	1.59E-04	8.94E-02	2.87E-03	3.12E-02	2.12E-03	2.12E-03	ND	ND
	Grasshopper	TCDF	Total tetrachlorodibenzofurans	7.31E-03	2.63E-04	6.97E-06	1.39E-05	1.39E-05	7.82E-02	2.75E-04	3.12E-03	1.86E-04	1.86E-04	ND	ND
	Grasshopper	V	Vanadium	ND	ND	ND	ND	ND	2.44E-02	3.73E-04	5.12E-03	3.42E-04	3.42E-04	1.74E-02	ND
	Grasshopper	ZN	Zinc	1.56E+01	5.61E-01	1.48E-02	2.97E-02	2.97E-02	3.31E+00	5.11E-02	6.94E-01	4.72E-02	4.72E-02	1.21E+00	3.03E-01
	Gunweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.66E-02	5.97E-04	1.58E-05	3.15E-05	3.15E-05	1.77E-02	5.69E-04	6.19E-03	4.21E-04	4.21E-04	ND	ND
	Gunweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.48E-03	2.34E-04	6.18E-06	1.23E-05	1.23E-05	6.93E-03	2.23E-04	2.42E-03	1.65E-04	1.65E-04	ND	ND
	Gunweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.87E-02	1.40E-03	3.69E-05	7.37E-05	7.37E-05	4.14E-02	1.33E-03	1.45E-02	9.84E-04	9.84E-04	ND	ND
	Gunweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.11E-04	7.60E-06	2.01E-07	4.01E-07	4.01E-07	2.26E-04	7.25E-06	7.88E-05	5.36E-06	5.36E-06	ND	ND
	Gunweed	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	3.46E-04	1.25E-05	3.30E-07	6.58E-07	6.58E-07	3.70E-04	1.19E-05	1.29E-04	8.80E-06	8.80E-06	ND	ND
	Gunweed	789HDX	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.24E-02	1.17E-03	3.09E-05	6.17E-05	6.17E-05	3.47E-02	1.11E-03	1.21E-02	8.24E-04	8.24E-04	ND	ND
	Gunweed	78PCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.69E-04	6.08E-06	1.61E-07	3.21E-07	3.21E-07	1.80E-04	5.79E-06	6.30E-05	4.29E-06	4.29E-06	ND	ND
	Gunweed	78PCDF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.20E-01	4.32E-03	1.14E-04	2.30E-04	2.30E-04	1.29E-01	4.13E-03	4.50E-02	3.06E-03	3.06E-03	ND	ND
	Gunweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	8.21E-03	2.96E-04	7.84E-06	1.57E-05	1.57E-05	8.81E-03	2.83E-04	3.08E-03	2.10E-04	2.10E-04	ND	ND
	Gunweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	3.51E-04	1.27E-05	3.35E-07	6.68E-07	6.68E-07	3.76E-04	1.21E-05	1.31E-04	8.93E-06	8.93E-06	ND	ND
	Gunweed	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.26E-04	8.15E-06	2.16E-07	4.30E-07	4.30E-07	2.42E-04	7.77E-06	8.45E-05	5.74E-06	5.74E-06	ND	ND
	Gunweed	789HDF	1,2,3,7,8,9-Hexachlorodibenzofuran	ND	ND	ND	ND	ND	2.60E+01	5.02E-01	5.46E+00	2.32E-01	2.32E-01	3.33E+00	ND
	Gunweed	246TNT	2,4,6-Trinitrobenzene	ND	ND	ND	ND	ND	2.05E+00	3.95E-02	4.29E-01	1.72E-02	1.72E-02	ND	ND
	Gunweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	2.02E-02	7.30E-04	1.93E-05	3.85E-05	3.85E-05	2.17E-02	6.96E-04	7.57E-03	5.15E-04	5.15E-04	ND	ND
	Gunweed	234HXP	2,3,4,6,7,8-Hexachlorodibenzofuran	7.93E-02	2.86E-03	7.56E-05	1.52E-04	1.52E-04	8.51E-02	2.74E-03	2.97E-02	2.02E-03	2.02E-03	ND	ND
	Gunweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.78E-01	6.44E-03	1.70E-04	3.40E-04	3.40E-04	1.91E-01	6.13E-03	6.67E-02	4.54E-03	4.54E-03	ND	ND
	Gunweed	TCDD	2,3,7,8-Tetrachlorodibenzo-dioxin	8.09E-02	2.92E-03	7.72E-05	1.54E-04	1.54E-04	1.15E-01	2.78E-03	3.03E-02	2.06E-03	2.06E-03	ND	ND
	Gunweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.36E+00	8.51E-02	2.23E-03	2.25E-03	2.25E-03	5.94E-03	1.44E-04	1.56E-03	1.06E-04	1.06E-04	ND	1.70E-04
	Gunweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	7.98E-01	2.88E-02	7.61E-04	7.61E-04	7.61E-04	2.01E-03	4.85E-05	5.28E-04	3.59E-05	3.59E-05	ND	5.75E-05
	Gunweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	4.40E-02	1.59E-03	4.20E-05	8.37E-05	8.37E-05	2.16E-03	3.33E-05	4.53E-04	3.08E-05	3.08E-05	ND	ND
	Gunweed	AG	Silver	ND	ND	ND	ND	ND	3.30E+00	7.97E-02	6.93E-01	5.89E-02	5.89E-02	2.03E-01	5.29E-02
	Gunweed	AL	Aluminum	4.61E-01	1.66E-02	4.40E-04	8.80E-04	8.80E-04	2.72E-01	8.78E-03	9.55E-02	6.49E-02	6.49E-02	9.30E-02	1.55E-02
	Gunweed	AS	Arsenic	2.02E+00	7.30E-02	1.93E-03	3.86E-03	3.86E-03	2.66E+00	8.56E-02	9.31E-01	6.30E-02	6.30E-02	5.65E-02	ND
	Gunweed	BA	Barium	2.15E-04	7.74E-06	2.03E-07	4.10E-07	4.10E-07	7.88E-05	2.53E-06	2.75E-05	1.87E-06	1.87E-06	3.00E-04	ND
	Gunweed	BE	Beryllium	ND	ND	ND	ND	ND	1.34E-04	4.28E-06	4.66E-05	3.22E-06	3.22E-06	1.60E-05	2.31E-06
	Gunweed	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.36E-04	4.34E-06	4.72E-05	3.26E-06	3.26E-06	1.62E-05	2.34E-06
	Gunweed	BKFANT	Benzo[k]fluoranthene	2.12E+01	7.63E-01	2.02E-02	3.75E-02	3.75E-02	8.88E-01	2.84E-02	3.09E-01	2.10E-02	2.10E-02	6.61E-01	9.91E-02
	Gunweed	CD	Cadmium	ND	ND	ND	ND	ND	7.96E-04	2.54E-05	2.77E-04	1.91E-05	1.91E-05	9.50E-05	1.37E-05
	Gunweed	CHRY	Chrysene	1.06E-03	3.84E-05	1.01E-06	2.03E-06	2.03E-06	5.99E-01	1.85E-02	2.01E-01	1.71E-02	1.71E-02	6.44E-03	ND
	Gunweed	CO	Cobalt	2.45E+00	8.83E-02	2.34E-03	4.67E-03	4.67E-03	4.27E-02	8.23E-04	8.95E-03	4.87E-04	4.87E-04	6.12E-03	1.15E+00
	Gunweed	CR	Chromium	1.24E+00	4.48E-02	1.19E-03	2.37E-03	2.37E-03	2.35E+00	4.52E-02	4.92E-01	2.68E-02	2.68E-02	9.90E-02	1.18E-01
	Gunweed	CU	Copper	2.47E+00	8.92E-02	2.36E-03	4.72E-03	4.72E-03	7.93E+00	2.55E-01	2.77E+00	1.88E-01	1.88E-01	ND	1.39E-01
	Gunweed	FE	Iron	ND	ND	ND	ND	ND	4.20E-03	1.34E-04	1.46E-03	1.01E-04	1.01E-04	5.01E-04	7.24E-05
	Gunweed	FANT	Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Gumweed	HG	Mercury	2.78E-02	1.00E-03	2.65E-05	5.30E-05	5.30E-05	1.13E-02	2.76E-04	3.00E-03	3.00E-03	2.04E-04	3.33E-02	1.00E-02
	Gumweed	MN	Manganese	4.76E-01	1.72E-02	4.54E-04	9.08E-04	9.08E-04	4.70E-01	1.51E-02	1.64E-01	1.64E-01	1.12E-02	5.62E-02	ND
	Gumweed	NI	Nickel	2.39E-01	8.60E-03	2.28E-04	4.55E-04	4.55E-04	3.53E-02	1.14E-03	1.23E-02	1.23E-02	8.40E-04	4.00E-03	5.00E-03
	Gumweed	OCDD	Octachlorodibenzodioxin - nonspecific	1.03E-02	3.70E-04	9.78E-06	1.95E-05	1.95E-05	1.10E-02	3.52E-04	3.83E-03	3.83E-03	2.61E-04	ND	ND
	Gumweed	OCDF	Octachlorodibenzofuran - nonspecific	8.46E-04	3.05E-05	8.07E-07	1.61E-06	1.61E-06	9.05E-04	2.91E-05	3.16E-04	3.16E-04	2.15E-05	ND	ND
	Gumweed	PB	Lead	1.27E-01	9.14E-02	1.21E-02	1.94E-02	1.94E-02	4.21E+00	2.38E-01	7.19E-03	7.19E-03	1.76E-01	5.37E-02	4.37E-02
	Gumweed	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.07E-02	6.62E-04	7.19E-03	7.19E-03	4.97E-04	2.47E-03	3.57E-04
	Gumweed	PYR	Pyrene	ND	ND	ND	ND	ND	2.42E-03	7.72E-05	8.39E-04	8.39E-04	5.79E-05	2.88E-04	4.17E-05
	Gumweed	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.10E+01	7.09E-01	7.70E+00	7.70E+00	5.24E-01	ND	ND
	Gumweed	SB	Antimony	ND	ND	ND	ND	ND	3.07E-01	9.87E-03	1.07E-01	1.07E-01	7.30E-03	3.30E-02	ND
	Gumweed	SE	Selenium	8.10E-00	2.92E-01	7.73E-03	1.43E-02	1.43E-02	5.64E+00	1.36E-01	1.48E+00	1.48E+00	1.01E-01	7.38E-01	1.08E-02
	Gumweed	THPCDD	Total heptachlorodibenzo-p-dioxins	3.96E-02	1.43E-03	3.78E-05	7.53E-05	7.53E-05	4.24E+00	1.36E-01	1.48E+00	1.48E+00	1.01E-01	ND	ND
	Gumweed	THPCDF	Total heptachlorodibenzofurans	6.59E-03	2.38E-04	6.29E-06	1.25E-05	1.25E-05	7.05E-01	2.26E-02	2.46E-01	2.46E-01	1.67E-02	ND	ND
	Gumweed	THCDD	Total hexachlorodibenzo-p-dioxins	3.96E-02	1.43E-03	3.78E-05	7.54E-05	7.54E-05	4.24E-01	1.36E-02	1.48E-01	1.48E-01	1.01E-02	ND	ND
	Gumweed	THCDF	Total hexachlorodibenzofurans	3.33E-02	1.27E-03	3.37E-05	6.71E-05	6.71E-05	3.78E-01	1.21E-02	1.32E-01	1.32E-01	8.97E-03	ND	ND
	Gumweed	TPCDD	Total pentachlorodibenzo-p-dioxins	1.20E-01	4.32E-03	1.14E-04	2.30E-04	2.30E-04	2.57E-01	8.27E-03	8.99E-02	8.99E-02	6.12E-03	ND	ND
	Gumweed	TPCDF	Total pentachlorodibenzofurans	2.82E-01	1.02E-02	2.69E-04	5.39E-04	5.39E-04	6.05E-01	1.94E-02	2.11E-01	2.11E-01	1.44E-02	ND	ND
	Gumweed	TTCCDD	Total tetrachlorodibenzo-p-dioxins	3.36E-01	1.21E-02	3.21E-04	6.40E-04	6.40E-04	3.60E-01	1.16E-02	1.26E-01	1.26E-01	8.55E-03	ND	ND
	Gumweed	TTCCDF	Total tetrachlorodibenzofurans	1.61E-01	5.81E-03	1.54E-04	3.06E-04	3.06E-04	1.72E-01	5.54E-03	6.02E-02	6.02E-02	4.09E-03	ND	ND
	Gumweed	V	Vanadium	ND	ND	ND	ND	ND	1.33E-01	2.03E-03	2.80E-02	2.80E-02	1.87E-03	9.50E-02	ND
	Gumweed	ZN	Zinc	1.01E+01	3.63E-01	9.60E-03	1.92E-02	1.92E-02	2.14E+00	3.30E-02	4.49E-01	4.49E-01	3.05E-02	7.83E-01	1.96E-01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.04E-01	3.77E-03	9.97E-05	1.99E-04	1.99E-04	1.12E-01	3.59E-03	3.91E-02	3.91E-02	2.66E-03	ND	ND
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.83E-02	1.02E-03	2.70E-05	5.38E-05	5.38E-05	3.03E-02	9.72E-04	1.06E-02	1.06E-02	7.19E-04	ND	ND
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.35E-02	8.48E-04	2.24E-05	4.47E-05	4.47E-05	2.52E-02	8.08E-04	8.79E-03	8.79E-03	5.98E-04	ND	ND
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.52E-04	9.08E-06	2.40E-07	4.79E-07	4.79E-07	2.69E-04	8.65E-06	9.41E-05	9.41E-05	6.40E-06	ND	ND
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	1.85E-04	6.67E-06	1.77E-07	3.52E-07	3.52E-07	1.98E-04	6.36E-06	6.92E-05	6.92E-05	4.70E-06	ND	ND
	Jackrabbit	789HDF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.98E-02	1.65E-03	4.37E-05	8.72E-05	8.72E-05	4.90E-02	1.58E-03	1.71E-02	1.71E-02	1.16E-03	ND	ND
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.57E-04	5.65E-06	1.50E-07	2.98E-07	2.98E-07	1.68E-04	5.39E-06	5.86E-05	5.86E-05	3.98E-06	ND	ND
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	5.39E-02	1.94E-03	5.14E-05	1.03E-04	1.03E-04	5.78E-02	1.86E-03	2.02E-02	2.02E-02	1.37E-03	ND	ND
	Jackrabbit	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	6.91E-03	2.49E-04	6.60E-06	1.32E-05	1.32E-05	7.42E-03	2.39E-04	2.59E-03	2.59E-03	1.76E-04	ND	ND
	Jackrabbit	789HDF	1,2,3,7,8,9-Hexachlorodibenzofuran	3.15E-04	1.14E-05	3.00E-07	5.99E-07	5.99E-07	3.37E-04	1.08E-05	1.18E-04	1.18E-04	8.00E-06	ND	ND
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	1.92E-04	6.91E-06	1.83E-07	3.64E-07	3.64E-07	2.05E-04	6.58E-06	7.16E-05	7.16E-05	4.87E-06	ND	ND
	Jackrabbit	234HFX	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	4.62E-02	1.67E-03	4.41E-05	8.80E-05	8.80E-05	1.12E+00	2.15E-02	2.34E-01	2.34E-01	9.36E-03	ND	ND
	Jackrabbit	234PCF	2,3,4,6,7,8-Hexachlorodibenzofuran	4.13E-02	1.49E-03	3.94E-05	7.90E-05	7.90E-05	4.43E-02	1.42E-03	1.55E-02	1.55E-02	1.05E-03	ND	ND
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.35E-01	4.87E-03	1.29E-04	2.57E-04	2.57E-04	1.45E-01	4.65E-03	5.05E-02	5.05E-02	3.44E-03	ND	ND
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	6.39E-03	2.30E-04	6.09E-06	1.21E-05	1.21E-05	9.10E-03	2.20E-04	2.39E-03	2.39E-03	1.62E-04	ND	ND
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	3.93E-02	1.42E-03	3.75E-05	3.75E-05	3.75E-05	9.90E-05	2.39E-06	2.60E-05	2.60E-05	1.77E-06	ND	2.83E-06
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	6.94E-01	2.50E-02	6.62E-04	6.62E-04	6.62E-04	2.65E-04	4.22E-05	4.59E-04	4.59E-04	3.12E-05	ND	5.00E-05
	Jackrabbit	AG	Silver	1.03E-01	3.73E-03	9.87E-05	1.97E-04	1.97E-04	5.08E-03	7.84E-05	1.07E-03	1.07E-03	7.24E-05	9.28E-02	ND
	Jackrabbit	AL	Aluminum	ND	ND	ND	ND	ND	4.90E-01	1.18E-02	1.03E-01	1.03E-01	8.74E-03	3.01E-02	7.84E-03

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great										Soil Fauna	
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbitt	Kit Fox		Plants
ESA-1 (cont.)	Jackrabbitt	AS	Arsenic	6.69E-02	2.41E-03	6.39E-05	1.28E-04	1.28E-04	3.95E-02	1.27E-03	1.27E-03	1.39E-02	9.43E-04	1.35E-02	2.25E-03
	Jackrabbitt	BA	Barium	2.86E-01	1.03E-02	2.73E-04	5.46E-04	5.46E-04	3.75E-01	1.21E-02	1.21E-02	1.32E-01	8.91E-03	7.99E-03	ND
	Jackrabbitt	BE	Beryllium	1.43E-04	5.16E-06	1.37E-07	2.73E-07	2.73E-07	5.25E-05	1.69E-06	1.69E-06	1.84E-05	1.23E-06	2.00E-04	ND
	Jackrabbitt	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	3.54E-04	1.13E-05	1.13E-05	1.23E-04	8.50E-06	4.23E-05	6.11E-06
	Jackrabbitt	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	3.55E-04	1.13E-05	1.13E-05	1.23E-04	8.52E-06	4.24E-05	6.12E-06
	Jackrabbitt	CD	Cadmium	1.80E+00	6.48E-02	1.72E-03	3.19E-03	3.19E-03	7.55E-02	2.42E-05	2.42E-05	2.63E-02	1.81E-05	9.03E-05	1.30E-05
	Jackrabbitt	CHRY	Chrysene	ND	ND	ND	ND	ND	7.56E-04	2.42E-05	2.42E-05	2.63E-04	1.81E-05	9.03E-05	1.30E-05
	Jackrabbitt	CO	Cobalt	3.51E-04	1.27E-05	3.35E-07	6.70E-07	6.70E-07	1.98E-01	6.10E-03	6.10E-03	6.63E-02	5.64E-03	2.13E-03	ND
	Jackrabbitt	CR	Chromium	2.12E+00	7.64E-02	2.02E-03	4.04E-03	4.04E-03	3.69E-02	7.11E-04	7.11E-04	7.73E-03	4.21E-04	5.29E-03	9.91E-01
	Jackrabbitt	CU	Copper	2.08E+00	7.52E-02	1.99E-03	3.98E-03	3.98E-03	3.94E+00	7.59E-02	7.59E-02	8.25E-01	4.50E-02	1.66E-01	1.98E-01
	Jackrabbitt	FE	Iron	2.18E+00	7.87E-02	2.08E-03	4.16E-03	4.16E-03	7.00E+00	2.25E-01	2.25E-01	2.45E+00	1.66E-01	ND	1.23E-01
	Jackrabbitt	FANT	Fluoranthene	ND	ND	ND	ND	ND	8.90E-04	2.84E-05	2.84E-05	3.09E-04	2.14E-05	1.06E-04	1.54E-05
	Jackrabbitt	HG	Mercury	2.71E-02	9.77E-04	2.58E-05	5.17E-05	5.17E-05	1.10E-02	2.69E-04	2.69E-04	2.93E-03	1.99E-04	3.25E-02	9.76E-03
	Jackrabbitt	MN	Manganese	5.68E-02	2.05E-03	5.42E-05	1.08E-04	1.08E-04	5.61E-02	1.80E-03	1.80E-03	1.96E-02	1.33E-03	6.71E-03	ND
	Jackrabbitt	NI	Nickel	6.66E-02	2.40E-03	6.36E-05	1.27E-04	1.27E-04	9.87E-03	3.17E-04	3.17E-04	3.45E-03	2.35E-04	1.12E-03	1.40E-03
	Jackrabbitt	OCDD	Octachlorodibenzo-dioxin - nonspecific	6.33E-02	2.28E-03	6.04E-05	1.20E-04	1.20E-04	6.77E-02	2.18E-03	2.18E-03	2.37E-02	1.61E-03	ND	ND
	Jackrabbitt	OCDF	Octachlorodibenzofuran - nonspecific	3.81E-03	1.38E-04	3.64E-06	7.26E-06	7.26E-06	4.08E-03	1.31E-04	1.31E-04	1.43E-03	9.70E-05	ND	ND
	Jackrabbitt	PB	Lead	6.09E+01	4.39E-01	5.81E-02	9.31E-02	9.31E-02	3.56E+01	1.14E+00	1.14E+00	1.24E+01	8.44E-01	2.58E-01	2.10E-01
	Jackrabbitt	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	7.72E-04	2.47E-05	2.47E-05	2.68E-04	1.83E-05	9.21E-05	1.33E-05
	Jackrabbitt	PYR	Pyrene	ND	ND	ND	ND	ND	1.02E-03	3.25E-05	3.25E-05	3.33E-04	2.44E-05	1.21E-04	1.75E-05
	Jackrabbitt	SB	Antimony	ND	ND	ND	ND	ND	6.01E-01	1.93E-02	1.93E-02	2.10E-01	1.43E-02	6.46E-02	ND
	Jackrabbitt	SE	Selenium	1.33E+00	4.81E-02	1.27E-03	2.36E-03	2.36E-03	9.30E-01	2.24E-02	2.24E-02	2.44E-01	1.66E-02	1.25E-01	1.79E-03
	Jackrabbitt	THPCDD	Total heptachlorodibenzo-p-dioxins	1.08E-01	3.89E-03	1.03E-04	2.05E-04	2.05E-04	1.15E+01	3.70E-01	3.70E-01	4.03E+00	2.74E-01	ND	ND
	Jackrabbitt	THPCDF	Total heptachlorodibenzofurans	3.17E-02	1.14E-03	3.03E-05	6.04E-05	6.04E-05	3.40E+00	1.09E-01	1.09E-01	1.19E+00	8.07E-02	ND	ND
	Jackrabbitt	THCDD	Total hexachlorodibenzo-p-dioxins	8.58E-02	3.09E-03	8.18E-05	1.63E-04	1.63E-04	9.18E-01	2.95E-02	2.95E-02	3.21E-01	2.18E-02	ND	ND
	Jackrabbitt	THCDF	Total hexachlorodibenzofurans	9.59E-02	3.46E-03	9.15E-05	1.82E-04	1.82E-04	1.03E+00	3.30E-02	3.30E-02	3.58E-01	2.44E-02	ND	ND
	Jackrabbitt	TPCDD	Total pentachlorodibenzo-p-dioxins	5.39E-02	1.94E-03	5.14E-05	1.03E-04	1.03E-04	1.16E-01	3.72E-03	3.72E-03	4.04E-02	2.75E-03	ND	ND
	Jackrabbitt	TPCDF	Total pentachlorodibenzofurans	4.37E-02	1.58E-03	4.17E-05	8.37E-05	8.37E-05	9.39E-02	3.02E-03	3.02E-03	3.28E-02	2.23E-03	ND	ND
	Jackrabbitt	TTCCDD	Total tetrachlorodibenzo-p-dioxins	6.79E-02	2.45E-03	6.48E-05	1.29E-04	1.29E-04	7.27E-02	2.33E-03	2.33E-03	2.54E-02	1.73E-03	ND	ND
	Jackrabbitt	TTCDF	Total tetrachlorodibenzofurans	6.39E-03	2.30E-04	6.09E-06	1.21E-05	1.21E-05	6.84E-03	2.20E-04	2.20E-04	2.39E-03	1.62E-04	ND	ND
	Jackrabbitt	V	Vanadium	ND	ND	ND	ND	ND	1.96E-02	2.99E-04	2.99E-04	4.11E-03	2.75E-04	1.40E-02	ND
	Jackrabbitt	ZN	Zinc	5.81E+00	2.09E-01	5.54E-03	1.11E-02	1.11E-02	1.24E+00	1.91E-02	1.91E-02	2.59E-01	1.76E-02	4.52E-01	1.13E-01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.72E-03	3.15E-04	8.32E-06	1.66E-05	1.66E-05	9.34E-03	3.00E-04	3.00E-04	3.26E-03	2.22E-04	ND	ND
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.98E-03	1.08E-04	2.85E-06	5.68E-06	5.68E-06	3.19E-03	1.03E-04	1.03E-04	1.12E-03	7.59E-05	ND	ND
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	4.69E-02	1.69E-03	4.47E-05	8.92E-05	8.92E-05	5.02E-02	1.61E-03	1.61E-03	1.75E-02	1.19E-03	ND	ND
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.01E-04	1.08E-05	2.87E-07	5.72E-07	5.72E-07	3.22E-04	1.03E-05	1.03E-05	1.12E-04	7.64E-06	ND	ND
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	4.60E-04	1.66E-05	4.39E-07	8.75E-07	8.75E-07	4.92E-04	1.58E-05	1.58E-05	1.72E-04	1.17E-05	ND	ND
	Rabbitbrush	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.33E-02	1.56E-03	4.13E-05	8.23E-05	8.23E-05	4.63E-02	1.49E-03	1.49E-03	1.62E-02	1.10E-03	ND	ND
	Rabbitbrush	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.20E-04	7.94E-06	2.10E-07	4.19E-07	4.19E-07	2.36E-04	7.57E-06	7.57E-06	8.23E-05	5.60E-06	ND	ND
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.67E-01	6.03E-03	1.59E-04	3.20E-04	3.20E-04	1.79E-01	5.77E-03	5.77E-03	6.27E-02	4.27E-03	ND	ND
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.04E-02	3.77E-04	9.97E-06	2.00E-05	2.00E-05	1.12E-02	3.61E-04	3.61E-04	3.92E-03	2.67E-04	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Rabbitbrush	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.14E-04	1.49E-05	3.95E-07	7.87E-07	7.87E-07	4.43E-04	1.42E-05	1.55E-04	1.55E-04	1.03E-05	ND	ND
	Rabbitbrush	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	3.34E-04	1.20E-05	3.19E-07	6.35E-07	6.35E-07	4.37E-04	1.15E-05	1.25E-04	1.25E-04	8.49E-06	ND	ND
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	1.06E+01	2.04E-01	2.22E+00	2.22E+00	9.45E-02	1.36E+00	ND
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	2.13E+00	4.10E-02	4.46E-01	4.46E-01	1.78E-02	ND	ND
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	2.36E-02	8.52E-04	2.25E-05	4.49E-05	4.49E-05	2.53E-02	8.12E-04	8.83E-03	8.83E-03	6.01E-04	ND	ND
	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	6.78E-02	2.44E-03	6.47E-05	1.30E-04	1.30E-04	7.27E-02	2.34E-03	2.54E-02	2.54E-02	1.73E-03	ND	ND
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin	2.20E-01	7.92E-03	2.10E-04	4.18E-04	4.18E-04	2.35E-01	7.55E-03	8.21E-02	8.21E-02	5.59E-03	ND	ND
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3.00E-02	1.08E-03	2.86E-05	5.71E-05	5.71E-05	4.28E-02	1.03E-03	1.12E-02	1.12E-02	7.63E-04	ND	ND
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	3.66E-00	1.32E-01	3.49E-03	3.49E-03	3.49E-03	9.21E-03	2.23E-04	2.42E-03	2.42E-03	1.63E-04	ND	2.64E-04
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.67E+00	6.01E-02	1.59E-03	1.59E-03	1.59E-03	4.19E-03	1.01E-04	1.10E-03	1.10E-03	7.49E-05	ND	1.20E-04
	Rabbitbrush	AG	Silver	4.51E-02	1.63E-03	4.30E-05	8.57E-05	8.57E-05	2.21E-03	3.41E-03	4.64E-04	4.64E-04	3.15E-05	4.04E-02	ND
	Rabbitbrush	AL	Aluminum	ND	ND	ND	ND	ND	1.64E+00	3.95E-02	3.43E-01	3.43E-01	2.92E-02	1.00E-01	2.62E-02
	Rabbitbrush	AS	Arsenic	3.20E-01	1.15E-02	3.05E-04	6.10E-04	6.10E-04	1.89E-01	6.09E-03	6.62E-02	6.62E-02	4.50E-03	6.45E-02	1.07E-02
	Rabbitbrush	BA	Barium	3.09E+00	1.12E-01	2.95E-03	5.90E-03	5.90E-03	4.06E+00	1.31E-01	1.42E+00	1.42E+00	9.64E-02	8.65E-02	ND
	Rabbitbrush	BE	Beryllium	2.15E-04	7.74E-06	2.05E-07	4.10E-07	4.10E-07	7.88E-05	2.53E-06	2.75E-05	2.75E-05	1.87E-06	3.00E-04	ND
	Rabbitbrush	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	6.03E-05	1.93E-06	2.10E-05	2.10E-05	1.45E-06	7.20E-06	1.04E-06
	Rabbitbrush	BKANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.36E-04	4.34E-06	4.72E-05	4.72E-05	3.26E-06	1.62E-05	2.34E-06
	Rabbitbrush	CD	Cadmium	2.45E+00	8.82E-02	2.33E-03	4.33E-03	4.33E-03	1.03E-01	3.29E-03	3.57E-02	3.57E-02	2.43E-03	7.63E-02	1.15E-02
	Rabbitbrush	CHRY	Chrysene	ND	ND	ND	ND	ND	4.72E-04	1.51E-05	1.64E-04	1.64E-04	1.13E-05	5.63E-05	8.13E-06
	Rabbitbrush	CO	Cobalt	5.85E-04	2.11E-05	5.58E-07	1.12E-06	1.12E-06	3.29E-01	1.02E-02	1.10E-01	1.10E-01	9.39E-03	3.54E-03	ND
	Rabbitbrush	CR	Chromium	1.95E+00	7.04E-02	1.86E-03	3.73E-03	3.73E-03	3.40E-02	6.56E-04	7.14E-03	7.14E-03	3.88E-04	4.88E-03	9.15E-01
	Rabbitbrush	CU	Copper	1.04E+00	3.76E-02	9.94E-04	1.99E-03	1.99E-03	1.97E+00	3.79E-02	4.13E-01	4.13E-01	2.23E-02	8.30E-02	9.91E-02
	Rabbitbrush	FE	Iron	1.60E+00	5.79E-02	1.53E-03	3.06E-03	3.06E-03	5.14E+00	1.65E-01	1.80E+00	1.80E+00	1.22E-01	ND	9.02E-02
	Rabbitbrush	FANT	Fluoranthene	ND	ND	ND	ND	ND	5.04E-03	1.61E-04	1.75E-03	1.75E-03	1.21E-04	6.01E-04	8.69E-05
	Rabbitbrush	HG	Mercury	2.80E-02	1.01E-03	2.68E-05	5.35E-05	5.35E-05	1.14E-02	2.79E-04	3.03E-03	3.03E-03	2.06E-04	3.37E-02	1.01E-02
	Rabbitbrush	MN	Manganese	3.99E-01	1.44E-02	3.81E-04	7.62E-04	7.62E-04	3.95E-01	1.27E-02	1.38E-01	1.38E-01	9.38E-03	4.72E-02	ND
	Rabbitbrush	NI	Nickel	2.83E-01	1.02E-02	2.70E-04	5.40E-04	5.40E-04	4.19E-02	1.35E-04	1.47E-02	1.47E-02	9.97E-04	4.75E-03	5.93E-03
	Rabbitbrush	OCDD	Octachlorodibenzo-p-dioxin - nonspecific	6.88E-03	2.48E-04	6.56E-06	1.31E-05	1.31E-05	7.36E-03	2.36E-04	2.57E-03	2.57E-03	1.75E-04	ND	ND
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	1.12E-03	4.05E-05	1.07E-06	2.13E-06	2.13E-06	1.20E-03	3.86E-05	4.19E-04	4.19E-04	2.85E-05	ND	ND
	Rabbitbrush	PB	Lead	8.59E+00	6.19E-02	8.19E-03	1.31E-02	1.31E-02	5.02E+00	1.61E-01	1.75E+00	1.75E+00	1.19E-01	3.63E-02	2.96E-02
	Rabbitbrush	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	3.75E-02	1.20E-03	1.30E-02	1.30E-02	8.99E-04	4.47E-03	6.46E-04
	Rabbitbrush	PYR	Pyrene	ND	ND	ND	ND	ND	1.67E-03	5.32E-05	5.79E-04	5.79E-04	4.00E-05	1.99E-04	2.87E-05
	Rabbitbrush	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.72E+01	1.26E+00	1.37E+01	1.37E+01	9.29E-01	ND	ND
	Rabbitbrush	SB	Antimony	ND	ND	ND	ND	ND	8.12E-01	2.61E-02	2.84E-01	2.84E-01	1.93E-02	8.74E-02	ND
	Rabbitbrush	SE	Selenium	2.36E+00	8.50E-02	2.25E-03	4.17E-03	4.17E-03	1.64E+00	3.96E-02	4.30E-01	4.30E-01	2.93E-02	2.21E-01	3.15E-03
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	1.39E-02	5.01E-04	1.32E-05	2.64E-05	2.64E-05	1.49E+00	4.77E-02	5.19E-01	5.19E-01	3.53E-02	ND	ND
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	3.48E-03	1.26E-04	3.33E-06	6.63E-06	6.63E-06	3.73E-01	1.20E-02	1.30E-01	1.30E-01	8.86E-03	ND	ND
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	3.19E-02	1.15E-03	3.05E-05	6.08E-05	6.08E-05	3.42E-01	1.10E-02	1.19E-01	1.19E-01	8.12E-03	ND	ND
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	3.20E-02	1.15E-03	3.05E-05	6.09E-05	6.09E-05	3.43E-01	1.10E-02	1.20E-01	1.20E-01	8.14E-03	ND	ND
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	1.67E-01	6.03E-03	1.59E-04	3.20E-04	3.20E-04	3.59E-01	1.15E-02	1.25E-01	1.25E-01	8.53E-03	ND	ND
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	1.07E-01	3.87E-03	1.02E-04	2.06E-04	2.06E-04	2.31E-01	7.40E-03	8.05E-02	8.05E-02	5.48E-03	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	Rabbitbrush	TTCCDD	Total tetrachlorodibenzo-p-dioxins	1.63E-01	5.90E-03	1.56E-04	3.11E-04	3.11E-04	1.75E-01	5.62E-03		6.11E-02	4.16E-03	ND	ND
	Rabbitbrush	TTCCDF	Total tetrachlorodibenzofurans	8.82E-02	3.18E-03	8.42E-05	1.68E-04	1.68E-04	9.44E-02	3.03E-03		3.30E-02	2.24E-03	ND	ND
	Rabbitbrush	V	Vanadium	ND	ND	ND	ND	ND	7.25E-02	1.11E-03		1.52E-02	1.01E-03	5.16E-02	ND
	Rabbitbrush	ZN	Zinc	4.79E+00	1.73E-01	4.57E-03	9.13E-03	9.13E-03	1.02E+00	1.57E-02		2.14E-01	1.45E-02	3.72E-01	9.31E-02
	Sweetclover	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.96E-03	3.23E-04	8.55E-06	1.70E-05	1.70E-05	9.59E-03	3.08E-04		3.35E-03	2.28E-04	ND	ND
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.49E-03	1.62E-04	4.29E-06	8.55E-06	8.55E-06	4.81E-03	1.54E-04		1.68E-03	1.14E-04	ND	ND
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	7.32E-02	2.64E-03	6.98E-05	1.39E-04	1.39E-04	7.83E-02	2.51E-03		2.73E-02	1.86E-03	ND	ND
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.07E-04	7.47E-06	1.98E-07	3.94E-07	3.94E-07	2.22E-04	7.12E-06		7.74E-05	5.27E-06	ND	ND
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	7.36E-04	2.65E-05	7.02E-07	1.40E-06	1.40E-06	7.88E-04	2.53E-05		2.75E-04	1.87E-05	ND	ND
	Sweetclover	789HPD	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.12E-02	2.21E-03	5.84E-05	1.16E-04	1.16E-04	6.55E-02	2.10E-03		2.29E-02	1.55E-03	ND	ND
	Sweetclover	678HXP	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.27E-04	1.18E-05	3.12E-07	6.21E-07	6.21E-07	3.50E-04	1.12E-05		1.22E-04	8.30E-06	ND	ND
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.83E-01	1.03E-02	2.72E-04	5.46E-04	5.46E-04	3.06E-01	9.83E-03		1.07E-01	7.27E-03	ND	ND
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.68E-02	6.06E-04	1.60E-05	3.22E-05	3.22E-05	1.80E-02	5.79E-04		6.30E-03	4.29E-04	ND	ND
	Sweetclover	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	6.63E-04	2.39E-05	6.32E-07	1.26E-06	1.26E-06	7.09E-04	2.28E-05		2.48E-04	1.68E-05	ND	ND
	Sweetclover	789HXP	1,2,3,7,8,9-Hexachlorodibenzofuran	4.39E-04	1.58E-05	4.19E-07	8.35E-07	8.35E-07	4.70E-04	1.51E-05		1.64E-04	1.12E-05	ND	ND
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.68E+00	5.17E-02		5.62E-01	2.39E-02	3.43E-01	ND
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.21E+00	2.33E-02		2.54E-01	1.01E-02	ND	ND
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2.81E-02	1.01E-03	2.68E-05	5.35E-05	5.35E-05	3.01E-02	9.67E-04		1.05E-02	7.13E-04	ND	ND
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.62E-01	5.85E-03	1.55E-04	3.11E-04	3.11E-04	1.74E-01	5.60E-03		6.09E-02	4.14E-03	ND	ND
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzo-dioxin	3.36E-01	1.21E-02	3.21E-04	6.40E-04	6.40E-04	3.60E-01	1.16E-02		1.26E-01	8.53E-03	ND	ND
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.38E-02	1.58E-03	4.18E-05	8.33E-05	8.33E-05	6.24E-02	1.50E-03		1.64E-02	1.11E-03	ND	ND
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	9.37E-02	3.38E-03	8.94E-05	8.94E-05	8.94E-05	2.36E-04	5.70E-06		6.20E-05	4.21E-06	ND	6.75E-06
	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.08E-01	7.51E-03	1.99E-04	1.99E-04	1.99E-04	5.24E-04	1.27E-05		1.38E-04	9.36E-06	ND	1.50E-05
	Sweetclover	AG	Silver	2.00E-02	7.23E-04	1.91E-05	3.81E-05	3.81E-05	9.83E-04	1.52E-05		2.06E-04	1.40E-05	1.80E-02	ND
	Sweetclover	AL	Aluminum	ND	ND	ND	ND	ND	9.19E-01	2.22E-02		1.93E-01	1.64E-02	5.64E-02	1.47E-02
	Sweetclover	AS	Arsenic	2.30E-01	8.30E-03	2.20E-04	4.39E-04	4.39E-04	1.36E-01	4.38E-03		4.76E-02	3.24E-03	4.64E-02	7.74E-03
	Sweetclover	BA	Barium	2.03E+01	7.33E-01	1.94E-02	3.88E-02	3.88E-02	2.67E+01	8.60E-01		9.35E+00	6.33E-01	5.68E-01	ND
	Sweetclover	BE	Beryllium	1.43E-04	5.16E-06	1.37E-07	2.73E-07	2.73E-07	5.25E-05	1.69E-06		1.84E-05	1.25E-06	2.00E-04	ND
	Sweetclover	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	8.38E-05	2.68E-06		2.91E-05	2.01E-06	1.00E-05	1.45E-06
	Sweetclover	BKFANT	Benzo[k]fluoranthene	4.04E+00	1.46E-01	3.86E-03	7.16E-03	7.16E-03	1.70E-01	5.43E-03		2.62E-05	1.81E-06	9.00E-06	1.30E-06
	Sweetclover	CD	Cadmium	ND	ND	ND	ND	ND	7.34E-05	2.41E-06		5.91E-02	4.02E-03	1.26E-01	1.89E-02
	Sweetclover	CHRY	Chrysene	ND	ND	ND	ND	ND	1.04E-04	3.32E-06		3.61E-05	2.49E-06	1.24E-05	1.79E-06
	Sweetclover	CO	Cobalt	2.52E-03	9.10E-05	2.41E-06	4.82E-06	4.82E-06	1.42E+00	4.38E-02		4.77E-01	4.05E-02	1.53E-02	ND
	Sweetclover	CR	Chromium	2.31E+00	8.32E-02	2.20E-03	4.40E-03	4.40E-03	4.02E-02	7.75E-04		8.42E-03	4.58E-04	5.76E-03	1.08E+00
	Sweetclover	CU	Copper	7.03E-01	2.54E-02	6.71E-04	1.34E-03	1.34E-03	1.33E+00	2.56E-02		2.78E-01	1.52E-02	5.60E-02	6.69E-02
	Sweetclover	FE	Iron	8.94E-01	3.23E-02	8.53E-04	1.71E-03	1.71E-03	2.87E+00	9.22E-02		1.00E+00	6.80E-02	ND	5.03E-02
	Sweetclover	FANT	Fluoranthene	ND	ND	ND	ND	ND	6.39E-04	2.04E-05		2.22E-04	1.53E-05	7.63E-05	1.10E-05
	Sweetclover	HG	Mercury	4.48E-02	1.62E-03	4.27E-05	8.55E-05	8.55E-05	1.82E-02	4.45E-04		4.84E-03	3.29E-04	5.38E-02	1.61E-02
	Sweetclover	MN	Manganese	1.94E-01	7.00E-03	1.85E-04	3.70E-04	3.70E-04	1.92E-01	6.17E-03		6.71E-02	4.56E-03	2.29E-02	ND
	Sweetclover	NI	Nickel	1.76E-01	6.35E-03	1.68E-04	3.36E-04	3.36E-04	2.61E-02	8.38E-04		9.11E-03	6.20E-04	2.95E-03	3.69E-03
	Sweetclover	OCDD	Octachlorodibenzo-dioxin - nonspecific	3.45E-02	1.24E-03	3.29E-05	6.56E-05	6.56E-05	3.69E-02	1.19E-03		1.29E-02	8.77E-04	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kill Fox	Plants	Soil Fauna
ESA-1 (cont.)	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	1.43E-03	5.17E-05	1.37E-06	2.73E-06	2.73E-06	1.53E-03	4.92E-05		5.35E-04	3.64E-05	ND	ND
	Sweetclover	PB	Lead	1.27E+01	9.19E-02	1.22E-02	1.95E-02	1.95E-02	7.45E+00	2.39E-01		2.60E+00	1.77E-01	5.39E-02	4.39E-02
	Sweetclover	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.27E-03	7.25E-05		7.88E-04	5.44E-05	2.71E-04	3.91E-05
	Sweetclover	PYR	Pyrene	ND	ND	ND	ND	ND	2.75E-04	8.79E-06		9.55E-05	6.60E-06	3.28E-05	4.74E-06
	Sweetclover	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	1.12E+01	3.78E-01		4.11E+00	2.79E-01	ND	ND
	Sweetclover	SB	Antimony	ND	ND	ND	ND	ND	1.41E+00	4.54E-02		4.94E-01	3.36E-02	1.52E-01	ND
	Sweetclover	SE	Selenium	3.26E+00	1.17E-01	3.11E-03	5.77E-03	5.77E-03	2.27E+00	5.47E-02		5.95E-01	4.05E-02	3.05E-01	4.36E-03
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	1.66E-02	5.97E-04	1.58E-05	3.15E-05	3.15E-05	1.77E+00	5.69E-02		6.19E-01	4.21E-02	ND	ND
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	4.10E-03	1.48E-04	3.91E-06	7.80E-06	7.80E-06	4.39E-01	1.41E-02		1.53E-01	1.04E-02	ND	ND
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	6.65E-02	2.40E-03	6.34E-05	1.26E-04	1.26E-04	7.12E-01	2.29E-02		2.48E-01	1.69E-02	ND	ND
	Sweetclover	THCDF	Total hexachlorodibenzofurans	5.12E-02	1.85E-03	4.89E-05	9.74E-05	9.74E-05	5.48E-01	1.76E-02		1.91E-01	1.30E-02	ND	ND
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	2.85E-01	1.03E-02	2.72E-04	5.46E-04	5.46E-04	6.12E-01	1.97E-02		2.14E-01	1.45E-02	ND	ND
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	1.18E-01	4.25E-03	1.12E-04	2.25E-04	2.25E-04	2.53E-01	8.12E-03		8.83E-02	6.01E-03	ND	ND
	Sweetclover	TTCCDD	Total tetrachlorodibenzo-p-dioxins	3.77E-01	1.36E-02	3.60E-04	7.17E-04	7.17E-04	4.03E-01	1.30E-02		1.41E-01	9.58E-03	ND	ND
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	9.51E-02	3.43E-03	9.08E-05	1.81E-04	1.81E-04	1.02E-01	3.27E-03		3.56E-02	2.42E-03	ND	ND
	Sweetclover	V	Vanadium	ND	ND	ND	ND	ND	5.72E-02	8.72E-04		1.20E-02	8.00E-04	4.07E-02	ND
	Sweetclover	ZN	Zinc	1.78E+00	6.43E-02	1.70E-03	3.40E-03	3.40E-03	3.80E-01	5.86E-03		7.96E-02	5.41E-03	1.39E-01	3.47E-02
	Ambrosia	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.08E-01	8.65E-03	2.29E-04	4.56E-04	4.56E-04	1.15E-01	8.24E-03		5.05E-02	6.09E-03	ND	ND
	Ambrosia	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8.98E-04	7.21E-05	1.91E-06	3.80E-06	3.80E-06	9.61E-04	6.87E-05		4.21E-04	5.08E-05	ND	ND
ESA-2	Ambrosia	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.90E-02	5.54E-03	1.47E-04	2.92E-04	2.92E-04	7.38E-02	5.28E-03		3.24E-02	3.91E-03	ND	ND
	Ambrosia	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.40E-04	1.93E-05	5.11E-07	1.02E-06	1.02E-06	2.57E-04	1.84E-05		1.13E-04	1.36E-05	ND	ND
	Ambrosia	789HPF	1,2,3,4,7,8,9-Hexachlorodibenzo-p-dioxin	1.38E-04	1.11E-05	2.93E-07	5.84E-07	5.84E-07	1.47E-04	1.05E-05		6.47E-05	7.80E-06	ND	ND
	Ambrosia	789HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8.37E-02	6.72E-03	1.78E-04	3.55E-04	3.55E-04	8.96E-02	6.41E-03		3.93E-02	4.74E-03	ND	ND
	Ambrosia	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	6.00E-05	4.82E-06	1.28E-07	2.54E-07	2.54E-07	6.42E-05	4.59E-06		2.82E-05	3.40E-06	ND	ND
	Ambrosia	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.87E-01	1.50E-02	3.97E-04	7.96E-04	7.96E-04	2.00E-01	1.43E-02		8.80E-02	1.06E-02	ND	ND
	Ambrosia	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.99E-03	2.40E-04	6.35E-06	1.28E-05	1.28E-05	3.21E-03	2.30E-04		1.41E-03	1.70E-04	ND	ND
	Ambrosia	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5.96E-04	4.79E-05	1.27E-06	2.53E-06	2.53E-06	6.38E-04	4.57E-05		2.80E-04	3.38E-05	ND	ND
	Ambrosia	789HDX	1,2,3,7,8,9-Hexachlorodibenzofuran	8.04E-05	6.46E-06	1.71E-07	3.41E-07	3.41E-07	8.60E-05	6.15E-06		3.77E-05	4.55E-06	ND	ND
	Ambrosia	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.60E+01	1.12E+00		6.86E+00	5.17E-01	3.33E+00	ND
	Ambrosia	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	2.05E+00	8.79E-02		5.39E-01	3.82E-02	ND	ND
	Ambrosia	234HDX	2,3,4,6,7,8-Hexachlorodibenzofuran	2.31E-02	1.86E-03	4.91E-05	9.79E-05	9.79E-05	2.47E-02	1.77E-03		1.08E-02	1.31E-03	ND	ND
	Ambrosia	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	3.02E-02	2.42E-03	6.41E-05	1.29E-04	1.29E-04	3.23E-02	2.32E-03		1.42E-02	1.71E-03	ND	ND
	Ambrosia	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	5.53E-02	4.44E-03	1.18E-04	2.34E-04	2.34E-04	5.92E-02	4.24E-03		2.60E-02	3.13E-03	ND	ND
	Ambrosia	TCDF	2,3,7,8-Tetrachlorodibenzofuran	1.25E-02	1.01E-03	2.66E-05	5.31E-05	5.31E-05	1.79E-02	9.60E-04		5.88E-03	7.10E-04	ND	ND
	Ambrosia	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	2.36E+00	1.90E-01	5.01E-03	5.01E-03	5.01E-03	5.94E-03	3.20E-04		1.96E-03	2.36E-04	ND	1.70E-04
	Ambrosia	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	7.98E-01	6.41E-02	1.70E-03	6.78E-04	6.78E-04	2.01E-03	1.08E-04		6.63E-04	8.00E-05	ND	5.75E-05
	Ambrosia	AG	Silver	4.37E-02	3.51E-03	9.28E-05	1.85E-04	1.85E-04	2.14E-03	7.37E-05		5.65E-04	6.81E-05	3.92E-02	ND
	Ambrosia	AL	Aluminum	ND	ND	ND	ND	ND	2.06E+00	1.11E-01		5.44E-01	8.20E-02	1.27E-01	3.30E-02
	Ambrosia	AS	Arsenic	1.56E-01	1.25E-02	3.31E-04	6.62E-04	6.62E-04	9.20E-02	6.60E-03		4.05E-02	4.88E-03	3.14E-02	5.23E-03
	Ambrosia	BA	Barium	5.94E-01	4.77E-02	1.26E-03	2.52E-03	2.52E-03	7.80E-01	5.60E-02		3.43E-01	4.12E-02	1.66E-02	ND
	Ambrosia	BE	Beryllium	7.15E-04	5.75E-05	1.52E-06	3.04E-06	3.04E-06	2.63E-04	1.88E-05		1.15E-04	1.39E-05	1.00E-03	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great										Soil Fauna	
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Kit Fox		Plants
ESA-2 (cont.)	Ambrosia	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.34E-04	9.54E-06	5.85E-05	7.16E-06	1.60E-03	2.31E-06	ND
	Ambrosia	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.91E-03	1.36E-04	8.34E-04	1.02E-04	2.28E-04	3.29E-05	
	Ambrosia	CD	Cadmium	2.18E+00	1.75E-01	4.63E-03	8.60E-03	8.60E-03	9.14E-02	6.52E-03	4.00E-02	4.82E-03	6.80E-02	1.02E-02	
	Ambrosia	CHRY	Chrysene	ND	ND	ND	ND	ND	2.82E-03	2.00E-04	1.23E-03	1.50E-04	3.36E-04	4.86E-05	
	Ambrosia	CO	Cobalt	6.61E-04	5.31E-05	1.40E-06	2.81E-06	2.81E-06	3.72E-01	2.56E-02	1.57E-01	2.36E-02	4.00E-03	ND	
	Ambrosia	CR	Chromium	2.56E+00	2.06E-01	5.45E-03	1.09E-02	1.09E-02	4.46E-02	1.92E-03	1.18E-02	1.13E-03	6.40E-03	1.20E+00	
	Ambrosia	CU	Copper	1.14E+00	9.18E-02	2.43E-03	4.85E-03	4.85E-03	2.16E+00	9.26E-02	5.68E-01	5.49E-02	9.10E-02	1.09E-01	
	Ambrosia	FE	Iron	1.82E+00	1.46E-01	3.86E-03	7.72E-03	7.72E-03	5.82E+00	4.17E-01	2.56E+00	3.08E-01	ND	1.02E-01	
	Ambrosia	FANT	Fluoranthene	ND	ND	ND	ND	ND	7.04E-03	5.01E-04	3.07E-03	3.76E-04	8.40E-04	1.21E-04	
	Ambrosia	HG	Mercury	2.15E-02	1.73E-03	4.57E-05	9.14E-05	9.14E-05	8.74E-03	4.76E-04	2.92E-03	3.52E-04	2.58E-02	7.75E-03	
	Ambrosia	MN	Manganese	1.61E-01	1.29E-02	3.42E-04	6.84E-04	6.84E-04	1.59E-01	1.14E-02	6.98E-02	8.42E-03	1.90E-02	ND	
	Ambrosia	NI	Nickel	6.20E-01	4.98E-02	1.32E-03	2.64E-03	2.64E-03	9.19E-02	6.57E-03	4.03E-02	4.86E-03	1.04E-02	1.30E-02	
	Ambrosia	OCDD	Octachlorodibenzo-dioxin - nonspecific	3.15E-02	2.53E-03	6.69E-05	1.33E-04	1.33E-04	3.37E-02	2.41E-03	1.48E-02	1.78E-03	ND	ND	
	Ambrosia	OCDF	Octachlorodibenzofuran - nonspecific	1.32E-03	1.06E-04	2.81E-06	5.60E-06	5.60E-06	1.41E-03	1.01E-04	6.21E-04	7.49E-05	7.49E-04	6.11E-04	
	Ambrosia	PB	Lead	1.77E-01	2.85E-03	3.76E-04	6.03E-04	6.03E-04	1.03E-01	7.39E-03	4.53E-02	5.47E-03	3.22E-04	7.20E-04	
	Ambrosia	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	6.03E-03	4.29E-04	2.63E-03	3.22E-04	7.20E-04	1.04E-04	
	Ambrosia	PYR	Pyrene	ND	ND	ND	ND	ND	5.70E-03	4.06E-04	2.49E-03	3.04E-04	6.80E-04	9.83E-05	
	Ambrosia	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.10E+01	1.58E+00	9.68E+00	1.17E+00	ND	ND	
	Ambrosia	SB	Antimony	ND	ND	ND	ND	ND	2.97E-01	2.13E-02	1.30E-01	1.57E-02	3.19E-02	ND	
	Ambrosia	SE	Selenium	3.01E+00	2.41E-01	6.39E-03	1.19E-02	1.19E-02	2.09E+00	1.12E-01	6.90E-01	8.32E-02	2.82E-01	4.02E-03	
	Ambrosia	THPCDD	Total heptachlorodibenzo-p-dioxins	1.97E-01	1.58E-02	4.19E-04	8.36E-04	8.36E-04	2.11E+01	1.51E+00	9.26E+00	1.12E+00	ND	ND	
	Ambrosia	THPCDF	Total heptachlorodibenzofurans	9.64E-03	7.75E-04	2.05E-05	4.09E-05	4.09E-05	1.03E+00	7.38E-02	4.53E-01	5.46E-02	ND	ND	
	Ambrosia	THCDD	Total hexachlorodibenzo-p-dioxins	7.40E-01	5.95E-02	1.57E-03	3.14E-03	3.14E-03	7.92E+00	5.67E-01	3.48E+00	4.19E-01	ND	ND	
	Ambrosia	THCDF	Total hexachlorodibenzofurans	1.84E-01	1.48E-02	3.90E-04	7.78E-04	7.78E-04	1.97E+00	1.41E-01	8.62E-01	1.04E-01	ND	ND	
	Ambrosia	TPCDD	Total pentachlorodibenzo-p-dioxins	3.12E-01	2.50E-02	6.62E-04	1.33E-03	1.33E-03	6.69E-01	4.79E-02	2.94E-01	3.54E-02	ND	ND	
	Ambrosia	TPCDF	Total pentachlorodibenzofurans	3.97E-01	3.19E-02	8.45E-04	1.70E-03	1.70E-03	8.54E-01	6.11E-02	3.75E-01	4.52E-02	ND	ND	
	Ambrosia	TTCCDD	Total tetrachlorodibenzo-p-dioxins	5.53E-02	4.44E-03	1.18E-04	2.34E-04	2.34E-04	5.92E-02	4.24E-03	2.60E-02	3.13E-03	ND	ND	
	Ambrosia	TTCDF	Total tetrachlorodibenzofurans	2.51E-02	2.01E-03	5.33E-05	1.06E-04	1.06E-04	2.68E-02	1.92E-03	1.18E-02	1.42E-03	ND	ND	
	Ambrosia	V	Vanadium	ND	ND	ND	ND	ND	1.05E-01	3.58E-03	2.77E-02	3.28E-03	7.50E-02	ND	
	Ambrosia	ZN	Zinc	9.64E+00	7.74E-01	2.05E-02	4.10E-02	4.10E-02	2.05E+00	7.05E-02	5.40E-01	6.52E-02	7.50E-01	1.88E-01	
	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.59E-01	2.88E-02	7.62E-04	1.52E-03	1.52E-03	3.84E-01	2.75E-02	1.68E-01	2.03E-02	ND	ND	
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.37E-01	1.10E-02	2.91E-04	5.81E-04	5.81E-04	1.47E-01	1.05E-02	6.43E-02	7.76E-03	ND	ND	
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.13E-01	9.09E-03	2.41E-04	4.80E-04	4.80E-04	1.21E-01	8.67E-03	5.31E-02	6.41E-03	ND	ND	
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	9.39E-04	7.55E-05	2.00E-06	3.98E-06	3.98E-06	1.01E-03	7.19E-05	4.41E-04	5.32E-05	ND	ND	
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	9.51E-04	7.64E-05	2.02E-06	4.03E-06	4.03E-06	1.02E-03	7.28E-05	4.46E-04	5.38E-05	ND	ND	
	Beetle	678HDXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.76E-01	1.42E-02	3.75E-04	7.47E-04	7.47E-04	1.89E-01	1.35E-02	8.28E-02	9.99E-03	ND	ND	
	Beetle	678HDXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.82E-03	1.46E-04	3.87E-06	7.72E-06	7.72E-06	1.95E-03	1.39E-04	8.55E-04	1.03E-04	ND	ND	
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.67E-01	2.14E-02	5.67E-04	1.14E-03	1.14E-03	2.86E-01	2.05E-02	1.26E-01	1.52E-02	ND	ND	
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.97E-02	1.58E-03	4.18E-05	8.40E-05	8.40E-05	2.11E-02	1.51E-03	9.27E-03	1.12E-03	ND	ND	
	Beetle	789HDXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.56E-03	1.25E-04	3.32E-06	6.62E-06	6.62E-06	1.67E-03	1.20E-04	7.33E-04	8.84E-05	ND	ND	
	Beetle	789HDXF	1,2,3,7,8,9-Hexachlorodibenzofuran	4.47E-04	3.59E-05	9.50E-07	1.90E-06	1.90E-06	4.79E-04	3.42E-05	2.10E-04	2.53E-05	ND	ND	

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great												Soil Fauna
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants		
ESA-2 (cont.)	Beetle	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.85E-01	3.09E-02	8.18E-04	1.63E-03	1.63E-03	4.12E-01	2.95E-02		1.81E-01	2.18E-02	ND	ND	
	Beetle	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	8.24E-01	6.62E-02	1.75E-03	3.52E-03	3.52E-03	8.85E-01	6.34E-02		3.89E-01	4.69E-02	ND	ND	
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3.41E-01	2.74E-02	7.24E-04	1.44E-03	1.44E-03	3.65E-01	2.61E-02		1.60E-01	1.93E-02	ND	ND	
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.94E-02	2.36E-03	6.25E-05	1.25E-04	1.25E-04	4.20E-02	2.25E-03		1.38E-02	1.67E-03	ND	ND	
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	3.82E+00	3.07E-01	8.12E-03	8.12E-03	3.25E-03	9.62E-03	5.18E-04		3.18E-03	3.83E-04	ND	2.75E-04	
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3.33E-01	2.70E-02	7.13E-04	7.13E-04	2.85E-04	8.44E-04	4.54E-05		2.79E-04	3.36E-05	ND	2.42E-05	
	Beetle	AG	Silver	2.34E-02	1.88E-03	4.98E-05	9.91E-05	9.91E-05	1.15E-03	3.95E-05		3.03E-04	3.65E-05	2.10E-02	ND	
	Beetle	AL	Aluminum	ND	ND	ND	ND	ND	2.44E+00	1.31E-01		6.43E-01	9.69E-02	1.50E-01	3.91E-02	
	Beetle	AS	Arsenic	1.29E+00	1.03E-01	2.73E-03	5.47E-03	5.47E-03	7.60E-01	5.46E-02		3.35E-01	4.04E-02	2.60E-01	4.33E-02	
	Beetle	BA	Barium	5.79E-01	4.65E-02	1.23E-03	2.46E-03	2.46E-03	7.60E-01	5.45E-02		3.34E-01	4.02E-02	1.62E-02	ND	
	Beetle	BE	Beryllium	4.73E-04	3.80E-05	1.00E-06	2.01E-06	2.01E-06	1.73E-04	1.24E-05		7.62E-05	9.19E-06	6.61E-04	ND	
	Beetle	CD	Cadmium	7.28E+00	5.85E-01	1.45E-02	2.87E-02	2.87E-02	3.05E-01	2.18E-02		1.34E-01	1.61E-02	2.27E-01	3.41E-02	
	Beetle	CO	Cobalt	1.12E-03	9.01E-05	2.38E-06	4.76E-06	4.76E-06	6.31E-01	4.34E-02		2.66E-01	4.01E-02	6.78E-03	ND	
	Beetle	CR	Chromium	2.52E+00	2.03E-01	5.36E-03	1.07E-02	1.07E-02	4.40E-02	1.89E-03		1.16E-02	1.12E-03	6.30E-03	1.18E+00	
	Beetle	CU	Copper	1.17E+00	9.37E-02	2.48E-03	4.96E-03	4.96E-03	2.20E+00	9.46E-02		5.80E-01	5.60E-02	9.29E-02	1.11E-01	
	Beetle	FE	Iron	2.28E+00	1.83E-01	4.84E-03	9.67E-03	9.67E-03	7.30E+00	5.23E-01		3.21E+00	3.86E-01	ND	1.28E-01	
	Beetle	HG	Mercury	7.13E-02	5.73E-03	1.52E-04	3.03E-04	3.03E-04	2.90E-02	1.58E-03		9.68E-03	1.17E-03	8.56E-02	2.57E-02	
	Beetle	MN	Manganese	1.96E-01	1.57E-02	4.16E-04	8.32E-04	8.32E-04	1.94E-01	1.39E-02		8.50E-02	1.02E-02	2.31E-02	ND	
	Beetle	NI	Nickel	1.63E-01	1.31E-02	3.47E-04	6.95E-04	6.95E-04	2.42E-02	1.73E-03		1.06E-02	1.28E-03	2.74E-03	3.43E-03	
	Beetle	OCDD	Octachlorodibenzodioxin - nonspecific	6.78E-02	5.45E-03	1.44E-04	2.87E-04	2.87E-04	7.26E-02	5.19E-03		3.18E-02	3.84E-03	ND	ND	
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific	7.27E-03	5.84E-04	1.54E-05	3.08E-05	3.08E-05	7.78E-03	5.57E-04		3.41E-03	4.12E-04	ND	ND	
	Beetle	PB	Lead	4.36E+00	7.01E-02	9.27E-03	1.49E-02	1.49E-02	2.55E+00	1.82E-01		1.12E+00	1.35E-01	1.85E-02	1.50E-02	
	Beetle	SB	Antimony	ND	ND	ND	ND	ND	5.21E-01	3.73E-02		2.29E-01	2.76E-02	5.60E-02	ND	
	Beetle	SE	Selenium	1.94E+00	1.56E-01	4.13E-03	7.66E-03	7.66E-03	1.35E+00	7.26E-02		4.45E-01	5.37E-02	1.82E-01	2.60E-03	
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins	3.59E-01	2.88E-02	7.62E-04	1.52E-03	1.52E-03	3.84E+01	2.75E+00		1.68E+01	2.03E+00	ND	ND	
	Beetle	THPCDF	Total heptachlorodibenzofurans	1.37E-01	1.10E-02	2.91E-04	5.81E-04	5.81E-04	1.47E+01	1.05E+00		6.43E+00	7.76E-01	ND	ND	
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins	9.43E-01	7.38E-02	2.00E-03	4.00E-03	4.00E-03	1.01E+01	7.22E-01		4.43E+00	5.34E-01	ND	ND	
	Beetle	THCDF	Total hexachlorodibenzofurans	2.75E+00	2.21E-01	5.84E-03	1.16E-02	1.16E-02	2.94E+01	2.10E+00		1.29E+01	1.56E+00	ND	ND	
	Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins	1.20E+00	9.62E-02	2.55E-03	5.11E-03	5.11E-03	2.57E+00	1.84E-01		1.13E+00	1.36E-01	ND	ND	
	Beetle	TPCDF	Total pentachlorodibenzofurans	3.89E+01	3.13E+00	8.28E-02	1.66E-01	1.66E-01	8.37E+01	5.99E+00		3.67E+01	4.43E+00	ND	ND	
	Beetle	TTCCDD	Total tetrachlorodibenzo-p-dioxins	9.12E-01	7.32E-02	1.94E-03	3.86E-03	3.86E-03	9.76E-01	6.98E-02		4.28E-01	5.16E-02	ND	ND	
	Beetle	TTCCDF	Total tetrachlorodibenzofurans	2.46E+00	1.98E-01	5.23E-03	1.04E-02	1.04E-02	2.64E+00	1.89E-01		1.16E+00	1.39E-01	ND	ND	
Beetle	V	Vanadium	ND	ND	ND	ND	ND	1.15E-01	3.92E-03		3.04E-02	3.60E-03	8.21E-02	ND		
Beetle	ZN	Zinc	1.29E+01	1.04E+00	2.74E-02	5.49E-02	5.49E-02	2.75E+00	9.44E-02		7.24E-01	8.73E-02	1.00E+00	2.51E-01		
Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.25E-02	1.81E-03	4.78E-05	9.54E-05	9.54E-05	2.41E-02	1.72E-03		1.06E-02	1.27E-03	ND	ND		
Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.30E-02	1.05E-03	2.77E-05	5.53E-05	5.53E-05	1.40E-02	9.99E-04		6.13E-03	7.39E-04	ND	ND		
Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.90E-01	1.53E-02	4.05E-04	8.07E-04	8.07E-04	2.04E-01	1.46E-02		8.94E-02	1.08E-02	ND	ND		
Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	6.97E-04	5.60E-05	1.48E-06	2.95E-06	2.95E-06	7.46E-04	5.34E-05		3.27E-04	3.95E-05	ND	ND		
Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.78E-03	1.43E-04	3.78E-06	7.55E-06	7.55E-06	1.91E-01	1.36E-04		8.36E-04	1.01E-04	ND	ND		
Grasshopper	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.86E-01	1.49E-02	3.95E-04	7.89E-04	7.89E-04	1.99E-01	1.42E-02		8.74E-02	1.05E-02	ND	ND		
Grasshopper	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7.64E-04	6.14E-05	1.62E-06	3.24E-06	3.24E-06	8.18E-04	5.85E-05		3.59E-04	4.33E-05	ND	ND		

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great										Soil Fauna
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Klt Fox	
ESA-2 (cont.)	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.16E-01	3.34E-02	8.84E-04	1.78E-03	1.78E-03	4.46E-01	3.20E-02	1.96E-01	2.37E-02	ND	ND
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.77E-02	2.23E-03	5.89E-05	1.18E-04	1.18E-04	2.97E-02	2.13E-03	1.31E-02	1.58E-03	ND	ND
	Grasshopper	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.68E-03	1.35E-04	3.38E-06	7.14E-06	7.14E-06	1.80E-03	1.29E-04	7.91E-04	9.54E-05	ND	ND
	Grasshopper	789HDF	1,2,3,7,8,9-Hexachlorodibenzofuran	9.72E-04	7.81E-05	2.07E-06	4.12E-06	4.12E-06	1.04E-03	7.44E-05	4.56E-04	5.51E-05	ND	ND
	Grasshopper	234HDX	2,3,4,6,7,8-Hexachlorodibenzofuran	9.62E-02	7.73E-03	2.04E-04	4.08E-04	4.08E-04	1.03E-01	7.37E-03	4.52E-02	5.45E-03	ND	ND
	Grasshopper	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	8.73E-01	7.02E-02	1.86E-03	3.73E-03	3.73E-03	9.37E-01	6.71E-02	4.12E-01	4.96E-02	ND	ND
	Grasshopper	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	5.02E-01	4.04E-02	1.07E-03	2.13E-03	2.13E-03	3.85E-01	3.85E-02	2.36E-01	2.85E-02	ND	ND
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.35E-02	3.40E-03	9.25E-05	1.84E-04	1.84E-04	6.20E-02	3.33E-03	2.04E-02	2.46E-03	ND	ND
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	2.71E-01	2.17E-02	5.75E-04	5.75E-04	5.75E-04	6.81E-04	3.67E-05	2.25E-04	2.71E-05	ND	1.95E-05
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	6.51E-02	5.23E-03	1.38E-04	1.38E-04	1.38E-04	1.64E-04	8.82E-06	5.41E-05	6.53E-06	ND	4.69E-06
	Grasshopper	AG	Silver	3.60E-02	2.89E-03	7.65E-05	1.52E-04	1.52E-04	1.77E-03	6.07E-05	4.65E-04	5.61E-05	3.23E-02	ND
	Grasshopper	AL	Aluminum	ND	ND	ND	ND	ND	1.06E+00	5.69E-02	2.79E-01	4.20E-02	6.50E-02	1.69E-02
	Grasshopper	AS	Arsenic	7.39E-02	5.94E-03	1.57E-04	3.14E-04	3.14E-04	4.37E-02	3.14E-03	1.92E-02	2.32E-03	1.49E-02	2.48E-03
	Grasshopper	BA	Barium	2.32E-01	1.86E-02	4.93E-04	9.85E-04	9.85E-04	3.04E-01	2.19E-02	1.34E-01	1.61E-02	6.48E-03	ND
	Grasshopper	BE	Beryllium	3.18E-04	2.55E-05	6.76E-07	1.35E-06	1.35E-06	1.17E-04	8.36E-06	5.12E-05	6.18E-06	4.44E-04	ND
	Grasshopper	CD	Cadmium	4.57E+00	3.67E-01	9.71E-03	1.80E-02	1.80E-02	1.92E-01	1.37E-02	8.39E-02	1.01E-02	1.43E-01	2.14E-02
	Grasshopper	CO	Cobalt	7.06E-04	5.67E-05	1.50E-06	3.00E-06	3.00E-06	3.97E-01	2.73E-02	1.68E-01	2.53E-02	4.27E-03	ND
	Grasshopper	CR	Chromium	1.38E+00	1.11E-01	2.93E-03	5.85E-03	5.85E-03	2.40E-02	1.03E-03	6.32E-03	6.10E-04	3.44E-03	6.45E-01
	Grasshopper	CU	Copper	4.18E+00	3.36E-01	8.88E-03	1.78E-02	1.78E-02	7.89E+00	3.39E-01	2.08E+00	2.01E-01	3.33E-01	3.97E-01
	Grasshopper	FE	Iron	1.14E+00	9.20E-02	2.43E-03	4.87E-03	4.87E-03	3.67E+00	2.63E-01	1.61E+00	1.94E-01	ND	6.43E-02
	Grasshopper	HG	Mercury	3.25E-02	2.61E-03	6.91E-05	1.38E-04	1.38E-04	1.32E-02	7.20E-04	4.42E-03	5.33E-04	3.91E-02	1.17E-02
	Grasshopper	MN	Manganese	9.06E-02	7.28E-03	1.93E-04	3.85E-04	3.85E-04	8.96E-02	6.42E-03	3.94E-02	4.74E-03	1.07E-02	ND
	Grasshopper	NI	Nickel	6.15E-02	4.94E-03	1.31E-04	2.61E-04	2.61E-04	9.10E-03	6.52E-04	4.00E-03	4.82E-04	1.03E-03	1.29E-03
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	1.02E-02	8.16E-04	2.16E-05	4.31E-05	4.31E-05	1.09E-02	7.78E-04	4.77E-03	5.73E-04	ND	ND
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	3.55E-03	2.86E-04	7.53E-06	1.51E-05	1.51E-05	3.80E-03	2.72E-04	1.67E-03	2.01E-04	ND	ND
	Grasshopper	PB	Lead	3.20E-01	5.14E-03	6.80E-04	1.09E-03	1.09E-03	1.87E-01	1.34E-02	8.19E-02	9.87E-03	1.35E-03	1.10E-03
	Grasshopper	SB	Antimony	ND	ND	ND	ND	ND	4.12E-01	2.95E-02	1.81E-01	2.18E-02	4.43E-02	ND
	Grasshopper	SE	Selenium	2.52E+00	2.02E-01	5.35E-03	9.93E-03	9.93E-03	1.75E+00	9.42E-02	5.77E-01	6.96E-02	2.36E-01	3.37E-03
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	2.37E-02	1.90E-03	5.03E-05	1.00E-04	1.00E-04	2.53E+00	1.81E-01	1.11E+00	1.34E-01	ND	ND
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	1.51E-02	1.21E-03	3.20E-05	6.38E-05	6.38E-05	1.61E+00	1.15E-01	7.07E-01	8.53E-02	ND	ND
	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	1.81E-01	1.46E-02	3.83E-04	7.68E-04	7.68E-04	1.94E+00	1.39E-01	8.50E-01	1.03E-01	ND	ND
	Grasshopper	THCDF	Total hexachlorodibenzofurans	6.31E-02	5.07E-03	1.34E-04	2.68E-04	2.68E-04	6.76E-01	4.83E-02	2.96E-01	3.58E-02	ND	ND
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	4.16E-01	3.34E-02	8.84E-04	1.78E-03	1.78E-03	8.94E-01	6.40E-02	3.92E-01	4.73E-02	ND	ND
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	2.65E-01	2.13E-02	5.62E-04	1.13E-03	1.13E-03	5.69E-01	4.07E-02	2.49E-01	3.01E-02	ND	ND
	Grasshopper	TTCCDD	Total tetrachlorodibenzo-p-dioxins	5.02E-01	4.04E-02	1.07E-03	2.13E-03	2.13E-03	5.38E-01	3.85E-02	2.36E-01	2.85E-02	ND	ND
	Grasshopper	TTCCDF	Total tetrachlorodibenzofurans	4.35E-02	3.50E-03	9.23E-05	1.84E-04	1.84E-04	4.66E-02	3.33E-03	2.04E-02	2.46E-03	ND	ND
	Grasshopper	V	Vanadium	ND	ND	ND	ND	ND	5.44E-02	1.85E-03	1.43E-02	1.70E-03	3.87E-02	ND
	Grasshopper	ZN	Zinc	1.53E+01	1.23E+00	3.23E-02	6.50E-02	6.50E-02	3.26E+00	1.12E-01	8.58E-01	1.03E-01	1.19E+00	2.98E-01
	Grasshopper	67BHPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.70E-02	6.99E-03	1.85E-04	3.69E-04	3.69E-04	9.32E-02	6.66E-03	4.09E-02	4.93E-03	ND	ND
	Gumweed	67BHPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.25E-02	2.61E-03	6.91E-05	1.38E-04	1.38E-04	3.48E-02	2.49E-03	1.53E-02	1.84E-03	ND	ND
	Gumweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	7.36E-02	5.92E-03	1.56E-04	3.12E-04	3.12E-04	7.88E-02	5.64E-03	3.46E-02	4.17E-03	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Kit Fox	Plants	Soll Fauna
ESA-2 (cont.)															
	Gunweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	7.46E-04	5.99E-05	1.58E-06	3.16E-06	3.16E-06	7.98E-04	5.71E-05	3.50E-04	4.22E-05	ND	ND	ND
	Gunweed	78HPHF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	7.30E-04	5.86E-05	1.55E-06	3.09E-06	3.09E-06	7.81E-04	5.59E-05	3.43E-04	4.13E-05	ND	ND	ND
	Gunweed	67HDXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.57E-02	5.28E-03	1.40E-04	2.78E-04	2.78E-04	7.03E-02	3.08E-02	3.08E-02	3.72E-03	ND	ND	ND
	Gunweed	67HDXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.28E-04	1.83E-05	4.85E-07	9.67E-07	9.67E-07	2.44E-04	1.75E-05	1.07E-04	1.29E-05	ND	ND	ND
	Gunweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.24E-01	1.81E-02	4.79E-04	9.61E-04	9.61E-04	2.42E-01	1.73E-02	1.06E-01	1.28E-02	ND	ND	ND
	Gunweed	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.33E-02	1.08E-03	2.87E-05	5.76E-05	5.76E-05	1.45E-02	1.04E-03	6.36E-03	7.67E-04	ND	ND	ND
	Gunweed	78HDXD	1,2,3,7,8-Hexachlorodibenzo-p-dioxin	4.81E-04	3.87E-05	1.02E-06	2.04E-06	2.04E-06	5.15E-04	3.69E-05	2.26E-04	2.73E-05	ND	ND	ND
	Gunweed	78HDXF	1,2,3,7,8-Hexachlorodibenzofuran	4.24E-04	3.41E-05	9.02E-07	1.80E-06	1.80E-06	4.54E-04	3.25E-05	1.99E-04	2.40E-05	ND	ND	ND
	Gunweed	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.60E+01	1.12E+00	6.86E+00	5.17E-01	3.33E+00	ND	ND
	Gunweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	4.05E+00	8.79E-02	5.39E-01	3.82E-02	ND	ND	ND
	Gunweed	234HDXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.80E-02	3.06E-03	8.08E-05	1.61E-04	1.61E-04	2.07E-02	2.91E-03	1.79E-02	2.15E-03	ND	ND	ND
	Gunweed	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1.30E-01	1.05E-02	2.77E-04	5.56E-04	5.56E-04	1.40E-01	1.00E-02	6.14E-02	7.40E-03	ND	ND	ND
	Gunweed	TCDD	2,3,7,8-Tetrachlorodibenzo-dioxin	3.09E-01	2.48E-02	6.55E-04	1.31E-03	1.31E-03	3.30E-01	2.36E-02	1.45E-01	1.75E-02	ND	ND	ND
	Gunweed	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.33E-02	1.87E-03	4.95E-05	9.87E-05	9.87E-05	3.32E-02	1.78E-03	1.09E-02	1.32E-03	ND	ND	ND
	Gunweed	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	2.36E+00	1.90E-01	5.01E-03	5.01E-03	5.01E-03	5.94E-03	3.20E-04	1.96E-03	2.36E-04	ND	ND	1.70E-04
	Gunweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-trichloroethane	7.98E-01	6.41E-02	1.70E-03	1.70E-03	1.70E-03	2.01E-03	1.08E-04	6.63E-04	8.00E-05	ND	ND	5.75E-05
	Gunweed	AG	Silver	4.40E-02	3.54E-03	9.36E-05	1.86E-04	1.86E-04	2.16E-03	7.43E-05	5.69E-04	6.87E-05	3.95E-02	ND	ND
	Gunweed	AL	Aluminum	ND	ND	ND	ND	ND	5.37E+00	2.88E-01	1.41E+00	2.13E-01	3.30E-01	8.59E-02	ND
	Gunweed	AS	Arsenic	2.98E-01	2.40E-02	6.34E-04	1.27E-03	1.27E-03	1.76E-01	1.27E-02	7.76E-02	9.36E-03	6.02E-02	1.00E-02	ND
	Gunweed	BA	Barium	3.20E+00	2.57E-01	6.81E-03	1.36E-02	1.36E-02	4.21E+00	3.02E-01	1.85E+00	2.22E-01	8.96E-02	ND	ND
	Gunweed	BE	Beryllium	2.15E-04	1.72E-05	4.56E-07	9.12E-07	9.12E-07	7.88E-05	5.64E-06	3.46E-05	4.17E-06	3.00E-04	ND	ND
	Gunweed	BAANTR	Benzo(a)anthracene	ND	ND	ND	ND	ND	1.34E-04	9.54E-06	5.85E-05	7.16E-06	1.60E-05	2.31E-06	ND
	Gunweed	BKFANT	Benzo(k)fluoranthene	ND	ND	ND	ND	ND	1.36E-04	9.66E-06	5.92E-05	7.25E-06	1.62E-05	2.34E-06	ND
	Gunweed	CD	Cadmium	4.41E+01	3.54E+00	9.38E-02	1.74E-01	1.74E-01	1.85E+00	1.32E-01	8.10E-01	9.77E-02	1.38E+00	2.07E-01	ND
	Gunweed	CHRY	Chrysene	ND	ND	ND	ND	ND	2.20E-04	1.57E-05	9.62E-05	1.18E-05	2.63E-05	3.80E-06	ND
	Gunweed	CO	Cobalt	9.49E-04	7.62E-05	2.02E-06	4.03E-06	4.03E-06	5.34E-01	3.67E-02	2.25E-01	3.39E-02	5.74E-03	ND	ND
	Gunweed	CR	Chromium	3.24E+00	2.61E-01	6.89E-03	1.38E-02	1.38E-02	5.65E-02	2.43E-03	1.49E-02	1.44E-03	8.10E-03	1.52E+00	ND
	Gunweed	CU	Copper	2.68E+00	2.16E-01	5.70E-03	1.14E-02	1.14E-02	5.06E+00	2.18E-01	1.33E+00	1.29E-01	2.14E-01	2.55E-01	ND
	Gunweed	FE	Iron	3.33E+00	2.67E-01	7.07E-03	1.41E-02	1.41E-02	1.07E+01	7.64E-01	4.69E+00	5.64E-01	ND	ND	1.87E-01
	Gunweed	FANT	Fluoranthene	ND	ND	ND	ND	ND	9.70E-04	6.91E-05	4.23E-04	5.19E-05	1.16E-04	1.67E-05	ND
	Gunweed	HG	Mercury	2.78E-02	2.23E-03	5.90E-05	1.18E-04	1.18E-04	1.13E-02	6.15E-04	3.77E-03	4.55E-04	3.33E-02	1.00E-02	ND
	Gunweed	MN	Manganese	3.90E-01	3.13E-02	8.29E-04	1.66E-03	1.66E-03	3.86E-01	2.76E-02	1.69E-01	2.04E-02	4.61E-02	ND	ND
	Gunweed	NI	Nickel	1.98E-01	1.59E-02	4.22E-04	8.43E-04	8.43E-04	2.94E-02	2.10E-03	1.29E-02	1.56E-03	3.33E-03	4.16E-03	ND
	Gunweed	OCCD	Octachlorodibenzo-dioxin - nonspecific	5.70E-02	4.58E-03	1.21E-04	2.42E-04	2.42E-04	6.10E-02	4.36E-03	2.68E-02	3.23E-03	ND	ND	ND
	Gunweed	OCCF	Octachlorodibenzofuran - nonspecific	7.59E-03	6.10E-04	1.61E-05	3.22E-05	3.22E-05	8.13E-03	5.81E-04	3.57E-03	4.30E-04	ND	ND	ND
	Gunweed	PB	Lead	2.16E+01	3.47E-01	4.59E-03	7.35E-02	7.35E-02	1.26E+01	9.01E-01	5.53E+00	6.67E-01	9.13E-02	7.45E-02	ND
	Gunweed	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	4.49E-03	3.20E-04	1.96E-03	2.40E-04	5.36E-04	7.75E-05	ND
	Gunweed	PYR	Pyrene	ND	ND	ND	ND	ND	5.18E-04	3.68E-05	2.26E-04	2.77E-05	6.18E-05	8.93E-06	ND
	Gunweed	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.26E-02	1.70E+01	1.04E+02	1.25E+01	ND	ND	ND
	Gunweed	SB	Antimony	ND	ND	ND	ND	ND	2.01E+00	1.44E-01	8.82E-01	1.06E-01	2.16E-01	ND	ND
	Gunweed	SE	Selenium	3.04E+00	2.44E-01	6.47E-03	1.20E-02	1.20E-02	2.12E+00	1.14E-01	6.98E-01	8.42E-02	2.83E-01	4.07E-03	ND

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Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great										Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jacksnabbit	Kit Fox	Plants					
ESA-2 (cont.)	Gunweed	THPCDD	Total heptachlorodibenzo-p-dioxins	1.81E-01	1.45E-02	3.84E-04	7.65E-04	7.65E-04	1.38E+00	8.48E+00	1.02E+00	1.02E+00	ND	ND	ND	ND	ND	
	Gunweed	THPCDF	Total heptachlorodibenzofurans	3.78E-02	3.04E-03	8.03E-05	1.60E-04	1.60E-04	4.05E+00	2.89E-01	1.77E+00	2.14E-01	2.14E-01	ND	ND	ND	ND	
	Gunweed	THCDD	Total hexachlorodibenzo-p-dioxins	4.88E-01	3.92E-02	1.04E-03	2.07E-03	2.07E-03	5.23E+00	3.74E-01	2.29E+00	2.77E-01	2.77E-01	ND	ND	ND	ND	
	Gunweed	THCDF	Total hexachlorodibenzofurans	2.15E-01	1.73E-02	4.57E-04	9.11E-04	9.11E-04	2.30E+00	1.65E-01	1.01E+00	1.22E-01	1.22E-01	ND	ND	ND	ND	
	Gunweed	TPCDD	Total pentachlorodibenzo-p-dioxins	1.94E-01	1.56E-02	4.13E-04	8.28E-04	8.28E-04	4.17E-01	2.98E-02	1.83E-01	2.21E-02	2.21E-02	ND	ND	ND	ND	
	Gunweed	TPCDF	Total pentachlorodibenzofurans	3.79E-01	3.04E-02	8.05E-04	1.62E-03	1.62E-03	8.14E-01	5.82E-02	3.57E-01	4.30E-02	4.30E-02	ND	ND	ND	ND	
	Gunweed	TTCCDD	Total tetrachlorodibenzo-p-dioxins	2.31E-01	1.86E-02	4.92E-04	9.80E-04	9.80E-04	2.48E-01	1.77E-02	1.09E-01	1.31E-02	1.31E-02	ND	ND	ND	ND	
	Gunweed	TTCDF	Total tetrachlorodibenzofurans	5.96E-02	4.79E-03	1.27E-04	2.52E-04	2.52E-04	6.38E-02	4.56E-03	2.80E-02	3.37E-03	3.37E-03	ND	ND	ND	ND	
	Gunweed	V	Vanadium	ND	ND	ND	ND	ND	1.64E-01	5.58E-03	4.32E-02	5.12E-03	5.12E-03	1.17E-01	1.69E+00	4.24E-01	ND	
	Gunweed	ZN	Zinc	2.18E+01	1.75E+00	4.63E-02	9.26E-02	9.26E-02	4.64E+00	1.59E-01	1.22E+00	1.47E-01	1.47E-01	ND	ND	ND	ND	
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.34E-01	1.08E-02	2.85E-04	5.68E-04	5.68E-04	1.43E-01	1.03E-02	6.29E-02	7.59E-03	7.59E-03	ND	ND	ND	ND	
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.16E-02	9.34E-04	2.47E-05	4.92E-05	4.92E-05	1.24E-02	8.90E-04	5.46E-03	6.58E-04	6.58E-04	ND	ND	ND	ND	
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8.11E-02	6.51E-03	1.72E-04	3.44E-04	3.44E-04	8.68E-02	6.21E-03	3.81E-02	4.59E-03	4.59E-03	ND	ND	ND	ND	
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2.89E-04	2.32E-05	6.14E-07	1.22E-06	1.22E-06	3.09E-04	2.21E-05	1.36E-04	1.64E-05	1.64E-05	ND	ND	ND	ND	
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Hexachlorodibenzo-p-dioxin	2.74E-04	2.20E-05	5.82E-07	1.16E-06	1.16E-06	2.93E-04	2.10E-05	1.29E-04	1.55E-05	1.55E-05	ND	ND	ND	ND	
	Rabbitbrush	789HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	9.91E-02	7.96E-03	2.11E-04	4.20E-04	4.20E-04	1.06E-01	7.58E-03	4.65E-02	5.61E-03	5.61E-03	ND	ND	ND	ND	
	Rabbitbrush	789HDF	1,2,3,7,8-Hexachlorodibenzofuran	1.62E-04	1.30E-05	3.45E-07	6.87E-07	6.87E-07	1.74E-04	1.24E-05	7.61E-05	9.18E-06	9.18E-06	ND	ND	ND	ND	
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.97E-01	2.38E-02	6.31E-04	1.27E-03	1.27E-03	3.18E-01	2.28E-02	1.40E-01	1.69E-02	1.69E-02	ND	ND	ND	ND	
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	5.11E-03	4.11E-04	1.09E-05	2.18E-05	2.18E-05	5.49E-03	3.93E-04	2.41E-03	2.91E-04	2.91E-04	ND	ND	ND	ND	
	Rabbitbrush	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.81E-03	1.46E-04	3.85E-06	7.68E-06	7.68E-06	1.94E-03	1.39E-04	8.51E-04	1.03E-04	1.03E-04	ND	ND	ND	ND	
	Rabbitbrush	789HDF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.36E-04	1.09E-05	2.88E-07	5.75E-07	5.75E-07	1.45E-04	1.04E-05	6.37E-05	7.68E-06	7.68E-06	ND	ND	ND	ND	
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.55E+01	1.09E+00	6.71E+00	5.06E-01	5.06E-01	3.26E+00	ND	ND	ND	
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.40E+00	5.99E-02	3.68E-01	2.61E-02	2.61E-02	ND	ND	ND	ND	
	Rabbitbrush	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.85E-02	3.09E-03	8.18E-05	1.63E-04	1.63E-04	4.12E-02	2.95E-03	1.81E-02	2.18E-03	2.18E-03	ND	ND	ND	ND	
	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	6.93E-02	5.57E-03	1.47E-04	2.96E-04	2.96E-04	7.43E-02	5.32E-03	3.27E-02	3.94E-03	3.94E-03	ND	ND	ND	ND	
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.27E-01	1.02E-02	2.70E-04	5.39E-04	5.39E-04	1.36E-01	9.74E-03	5.97E-02	7.20E-03	7.20E-03	ND	ND	ND	ND	
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	3.39E-02	2.72E-03	7.20E-05	1.44E-04	1.44E-04	4.83E-02	2.59E-03	1.59E-02	1.92E-03	1.92E-03	ND	ND	ND	ND	
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	3.95E+00	3.17E-01	8.39E-03	8.39E-03	8.39E-03	9.94E-03	5.35E-04	3.28E-03	3.96E-04	3.96E-04	ND	2.83E-04	ND	ND	
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.67E+00	1.34E-01	3.54E-03	3.54E-03	3.54E-03	4.19E-03	2.26E-04	1.38E-03	1.67E-04	1.67E-04	ND	1.20E-04	ND	ND	
	Rabbitbrush	AG	Silver	4.52E-02	3.63E-03	9.60E-05	1.91E-04	1.91E-04	2.22E-03	7.61E-05	5.84E-04	7.04E-05	7.04E-05	4.05E-02	ND	ND	ND	
	Rabbitbrush	AL	Aluminum	ND	ND	ND	ND	ND	2.28E+00	1.23E-01	6.01E-01	9.06E-02	9.06E-02	1.40E-01	3.65E-02	ND	ND	
	Rabbitbrush	AS	Arsenic	1.97E-01	1.58E-02	4.19E-04	8.38E-04	8.38E-04	1.16E-01	8.36E-03	5.13E-02	6.18E-03	6.18E-03	3.98E-02	6.63E-03	ND	ND	
	Rabbitbrush	BA	Barium	5.68E-01	4.56E-02	1.21E-03	2.41E-03	2.41E-03	7.46E-01	5.35E-02	3.28E-01	3.94E-02	3.94E-02	1.59E-02	ND	ND	ND	
	Rabbitbrush	BE	Beryllium	2.15E-04	1.72E-05	4.56E-07	9.12E-07	9.12E-07	7.88E-05	5.64E-06	3.46E-05	4.17E-06	4.17E-06	3.00E-04	ND	ND	ND	
	Rabbitbrush	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	4.37E-04	3.11E-05	1.91E-04	2.34E-05	2.34E-05	5.22E-05	7.54E-06	ND	ND	
	Rabbitbrush	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	5.87E-04	4.18E-05	2.56E-04	3.14E-05	3.14E-05	7.00E-05	1.01E-05	ND	ND	
	Rabbitbrush	CD	Cadmium	6.60E+00	5.30E-01	1.40E-02	2.60E-02	2.60E-02	2.77E-01	1.98E-02	1.21E-01	1.46E-02	1.46E-02	2.06E-01	3.09E-02	ND	ND	
	Rabbitbrush	CHRY	Chrysene	ND	ND	ND	ND	ND	1.63E-03	1.16E-04	7.11E-04	8.70E-05	8.70E-05	1.94E-04	2.81E-05	ND	ND	
	Rabbitbrush	CO	Cobalt	5.72E-04	4.60E-05	1.22E-06	2.43E-06	2.43E-06	3.22E-01	2.21E-02	1.36E-01	2.05E-02	2.05E-02	3.46E-03	ND	ND	ND	
	Rabbitbrush	CR	Chromium	1.92E+00	1.55E-01	4.09E-03	8.18E-03	8.18E-03	3.35E-02	1.44E-03	8.83E-03	8.52E-04	8.52E-04	4.80E-03	9.01E-01	ND	ND	
	Rabbitbrush	CU	Copper	1.02E+00	8.18E-02	2.16E-03	4.33E-03	4.33E-03	1.92E+00	8.26E-02	5.07E-01	4.89E-02	4.89E-02	8.12E-02	9.68E-02	ND	ND	

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-2 (cont.)	Rabbitbrush	FE	Iron	1.99E+00	1.60E-01	4.24E-03	8.47E-03	8.47E-03	6.39E+00	4.58E-01		2.81E+00	3.38E-01	ND	1.12E-01
	Rabbitbrush	FANT	Fluoranthene	ND	ND	5.56E-05	ND	ND	4.29E-03	3.05E-04		1.87E-03	2.29E-04	5.12E-04	7.39E-05
	Rabbitbrush	HG	Mercury	2.62E-02	2.10E-03	5.56E-05	1.11E-04	1.11E-04	1.06E-02	5.79E-04		3.55E-03	4.28E-04	3.14E-02	9.42E-03
	Rabbitbrush	MN	Manganese	4.39E-01	3.53E-02	9.33E-04	1.87E-03	1.87E-03	4.34E-01	3.11E-02		1.91E-01	2.30E-02	5.18E-02	ND
	Rabbitbrush	NI	Nickel	2.68E-01	2.16E-02	5.71E-04	1.14E-03	1.14E-03	3.98E-02	2.85E-03		1.75E-02	1.11E-01	4.50E-03	5.63E-03
	Rabbitbrush	OCDD	Octachlorodibenzo-dioxin - nonspecific	7.82E-02	6.28E-03	1.66E-04	3.31E-04	3.31E-04	8.37E-02	5.99E-03		3.67E-02	4.43E-03	ND	ND
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	4.73E-03	3.80E-04	1.00E-05	2.00E-05	2.00E-05	5.06E-03	3.62E-04		2.22E-03	2.68E-04	ND	ND
	Rabbitbrush	PB	Lead	7.12E+00	1.14E-01	1.51E-02	2.42E-02	2.42E-02	4.16E+00	2.97E-01		1.82E+00	2.20E-01	3.01E-02	2.45E-02
	Rabbitbrush	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.25E-02	8.88E-04		5.45E-03	6.67E-04	1.49E-03	2.15E-04
	Rabbitbrush	PYR	Pyrene	ND	ND	ND	ND	ND	2.89E-03	2.06E-04		1.26E-03	1.54E-04	3.45E-04	4.98E-05
	Rabbitbrush	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	9.63E+02	7.23E+01		4.45E+02	5.36E+01	ND	ND
	Rabbitbrush	SB	Antimony	ND	ND	ND	ND	ND	8.30E-01	5.94E-02		3.64E-01	4.40E-02	8.92E-02	ND
	Rabbitbrush	SE	Selenium	2.40E+00	1.93E-01	5.11E-03	9.48E-03	9.48E-03	1.67E+00	8.99E-02		5.51E-01	6.65E-02	2.25E-01	3.21E-03
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	2.52E-01	2.03E-02	5.36E-04	1.07E-03	1.07E-03	2.70E+01	1.93E+00		1.18E+01	1.43E+00	ND	ND
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	2.53E-02	2.03E-03	5.37E-05	1.07E-04	1.07E-04	2.71E+00	1.94E-01		1.19E+00	1.43E-01	ND	ND
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	1.13E+00	9.09E-02	2.40E-03	4.79E-03	4.79E-03	1.21E+01	8.66E-01		5.31E+00	6.41E-01	ND	ND
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	1.97E-01	1.58E-02	4.18E-04	8.34E-04	8.34E-04	2.11E+00	1.51E-01		9.24E-01	1.11E-01	ND	ND
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	9.93E-01	7.97E-02	2.11E-03	4.23E-03	4.23E-03	2.13E+00	1.53E-01		9.36E-01	1.13E-01	ND	ND
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	9.06E-01	7.28E-02	1.93E-03	3.87E-03	3.87E-03	1.94E+00	1.39E-01		8.54E-01	1.03E-01	ND	ND
	Rabbitbrush	TTCDD	Total tetrachlorodibenzo-p-dioxins	4.36E-01	3.51E-02	9.27E-04	1.85E-03	1.85E-03	4.67E-01	3.34E-02		2.05E-01	2.47E-02	ND	ND
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	2.73E-01	2.19E-02	5.80E-04	1.16E-03	1.16E-03	2.92E-01	2.09E-02		1.28E-01	1.53E-02	ND	ND
	Rabbitbrush	V	Vanadium	ND	ND	ND	ND	ND	1.08E-01	3.68E-03		2.85E-02	3.37E-03	7.71E-02	ND
	Rabbitbrush	ZN	Zinc	1.04E+01	8.32E-01	2.20E-02	4.40E-02	4.40E-02	2.20E+00	7.57E-02		5.80E-01	7.00E-02	8.05E-01	2.01E-01
	Sweetclover	678HFD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.58E-01	2.07E-02	5.48E-04	1.09E-03	1.09E-03	2.76E-01	1.97E-02		1.21E-01	1.46E-02	ND	ND
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.17E-02	9.40E-04	2.49E-05	4.96E-05	4.96E-05	1.25E-02	8.96E-04		5.49E-03	6.63E-04	ND	ND
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.70E-01	1.37E-02	3.62E-04	7.21E-04	7.21E-04	1.82E-01	1.30E-02		7.99E-02	9.63E-03	ND	ND
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	8.17E-04	6.37E-05	1.74E-06	3.46E-06	3.46E-06	8.75E-04	6.26E-05		3.84E-04	4.63E-05	ND	ND
	Sweetclover	78HXP	1,2,3,4,7,8-Heptachlorodibenzo-p-dioxin	4.54E-04	3.65E-05	9.66E-07	1.93E-06	1.93E-06	4.87E-04	3.48E-05		2.13E-04	2.57E-05	ND	ND
	Sweetclover	78HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.40E-01	1.93E-02	5.10E-04	1.02E-03	1.02E-03	2.57E-01	1.84E-02		1.13E-01	1.36E-02	ND	ND
	Sweetclover	78HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	4.59E-04	3.68E-05	9.75E-07	1.94E-06	1.94E-06	4.91E-04	3.51E-05		2.15E-04	2.60E-05	ND	ND
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.12E-01	8.98E-03	2.38E-04	4.77E-04	4.77E-04	1.20E-01	8.59E-03		5.27E-02	6.33E-03	ND	ND
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	6.39E-03	5.14E-04	1.36E-05	2.73E-05	2.73E-05	6.86E-03	4.91E-04		3.01E-03	3.63E-04	ND	ND
	Sweetclover	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.74E-03	3.01E-04	7.96E-06	1.59E-05	1.59E-05	4.01E-03	2.87E-04		1.76E-03	2.12E-04	ND	ND
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.09E-04	1.68E-05	4.44E-07	8.85E-07	8.85E-07	2.23E-04	1.60E-05		9.80E-05	1.18E-05	ND	ND
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	7.82E-01	3.36E-02		2.06E-01	1.53E-02	1.00E-01	ND
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.21E+00	5.19E-02		3.19E-01	2.26E-02	ND	ND
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	7.51E-02	6.03E-03	1.60E-04	3.18E-04	3.18E-04	8.04E-02	5.75E-03		3.33E-02	4.23E-03	ND	ND
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	6.16E-02	4.95E-03	1.31E-04	2.63E-04	2.63E-04	6.61E-02	4.73E-03		2.90E-02	3.50E-03	ND	ND
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzo-dioxin	1.28E-01	1.03E-02	2.72E-04	5.42E-04	5.42E-04	1.37E-01	9.79E-03		6.00E-02	7.24E-03	ND	ND
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.18E-02	3.36E-03	8.89E-05	1.77E-04	1.77E-04	5.96E-02	3.20E-03		1.96E-02	2.37E-03	ND	ND
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	9.37E-02	7.33E-03	1.99E-04	1.99E-04	1.99E-04	2.36E-04	1.27E-05		7.78E-05	9.39E-06	ND	6.75E-06

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great										Soil Fauna
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule Deer	Jackrabbit	Kit Fox	
ESA-2 (cont.)	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.08E-01	1.67E-02	4.42E-04	4.42E-04	1.77E-04	5.24E-04	2.82E-05	1.73E-04	2.09E-05	ND	1.50E-05
	Sweetclover	AG	Silver	2.00E-02	1.61E-03	4.25E-05	8.46E-05	8.46E-05	9.81E-04	3.37E-05	2.58E-04	3.12E-05	1.79E-02	ND
	Sweetclover	AL	Aluminum	ND	ND	ND	ND	ND	1.48E+00	7.94E-02	3.89E-01	5.87E-02	9.07E-02	2.36E-02
	Sweetclover	AS	Arsenic	3.92E-01	3.15E-02	8.34E-04	1.67E-03	1.67E-03	2.32E-01	1.66E-02	1.02E-01	1.23E-02	7.91E-02	1.32E-02
	Sweetclover	BA	Barium	1.40E+00	1.12E-01	2.97E-03	5.93E-03	5.93E-03	1.83E+00	1.32E-01	8.07E-01	9.69E-02	3.90E-02	ND
	Sweetclover	BE	Beryllium	1.43E-04	1.15E-05	3.04E-07	6.08E-07	6.08E-07	5.25E-05	3.76E-06	2.31E-05	2.78E-06	2.00E-04	ND
	Sweetclover	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	2.68E-03	1.91E-04	1.17E-03	1.43E-04	3.20E-04	4.62E-05
	Sweetclover	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.97E-03	1.41E-04	8.62E-04	1.06E-04	2.36E-04	3.41E-05
	Sweetclover	CD	Cadmium	3.09E+00	2.49E-01	6.58E-03	1.22E-02	1.22E-02	1.30E-01	2.70E-03	5.68E-02	6.85E-02	9.66E-02	1.45E-02
	Sweetclover	CHRY	Chrysene	ND	ND	ND	ND	ND	3.79E-03	2.70E-04	1.66E-03	2.03E-04	4.53E-04	6.45E-05
	Sweetclover	CO	Cobalt	9.50E-04	7.63E-05	2.02E-06	4.04E-06	4.04E-06	5.35E-01	3.68E-02	2.25E-01	3.40E-02	5.75E-03	ND
	Sweetclover	CR	Chromium	1.82E+00	1.46E-01	3.86E-03	7.72E-03	7.72E-03	3.16E-02	1.36E-03	8.33E-03	8.04E-04	4.53E-03	8.50E-01
	Sweetclover	CU	Copper	5.24E-01	4.21E-02	1.11E-03	2.23E-03	2.23E-03	9.89E-01	4.25E-02	2.60E-01	2.52E-02	4.17E-02	4.98E-02
	Sweetclover	FE	Iron	1.46E+00	1.17E-01	3.11E-03	6.21E-03	6.21E-03	4.69E+00	3.36E-01	2.06E+00	2.48E-01	ND	8.21E-02
	Sweetclover	FANT	Fluoranthene	ND	ND	ND	ND	ND	7.69E-03	5.47E-04	3.36E-03	4.11E-04	9.18E-04	1.33E-04
	Sweetclover	HG	Mercury	2.78E-02	2.23E-03	5.90E-05	1.18E-04	1.18E-04	1.13E-02	6.15E-04	3.77E-03	4.55E-04	3.33E-02	1.00E-02
	Sweetclover	MN	Manganese	2.43E-01	1.96E-02	5.17E-04	1.03E-03	1.03E-03	2.41E-01	1.72E-02	1.06E-01	1.27E-02	2.88E-02	ND
	Sweetclover	NI	Nickel	2.04E-01	1.64E-02	4.34E-04	8.67E-04	8.67E-04	3.02E-02	2.16E-03	1.33E-02	1.60E-02	3.42E-03	4.28E-03
	Sweetclover	OCDD	Octachlorodibenzo-dioxin - nonspecific	7.17E-02	5.76E-03	1.52E-04	3.04E-04	3.04E-04	7.67E-02	5.49E-03	3.36E-02	4.06E-03	ND	ND
	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	8.51E-04	6.83E-05	1.81E-06	3.60E-06	3.60E-06	9.10E-04	6.51E-05	3.99E-04	4.82E-05	ND	ND
	Sweetclover	PB	Lead	7.35E-01	1.18E-02	1.56E-03	2.50E-03	2.50E-03	4.29E-01	3.07E-02	1.88E-01	2.27E-02	3.11E-03	2.53E-03
	Sweetclover	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	4.43E-03	3.15E-04	1.93E-03	2.37E-04	5.29E-04	7.64E-05
	Sweetclover	PYR	Pyrene	ND	ND	ND	ND	ND	7.93E-03	5.64E-04	3.46E-03	4.24E-04	9.46E-04	1.37E-04
	Sweetclover	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	1.06E+00	7.99E-02	4.90E-01	5.91E-02	ND	ND
	Sweetclover	SB	Antimony	ND	ND	ND	ND	ND	8.86E-01	6.34E-02	3.89E-01	4.69E-02	9.52E-02	ND
	Sweetclover	SE	Selenium	3.22E+00	2.59E-01	6.85E-03	1.27E-02	1.27E-02	2.25E+00	1.21E-01	7.40E-01	8.92E-02	3.02E-01	4.31E-03
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	4.59E-01	3.69E-02	9.77E-04	1.95E-03	1.95E-03	4.92E+01	3.52E+00	2.16E+01	2.60E+00	ND	ND
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	3.83E-02	3.08E-03	8.15E-05	1.62E-04	1.62E-04	4.10E+00	2.94E-01	1.80E+00	2.17E-01	ND	ND
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	2.15E+00	1.73E-01	4.57E-03	9.12E-03	9.12E-03	2.30E+01	1.65E+00	1.01E+01	1.22E+00	ND	ND
	Sweetclover	THCDF	Total hexachlorodibenzofurans	4.69E-01	3.77E-02	9.98E-04	1.99E-03	1.99E-03	5.02E+00	3.59E-01	2.20E+00	2.66E-01	ND	ND
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	2.75E+00	2.21E-01	5.84E-03	1.17E-02	1.17E-02	5.90E+00	4.22E-01	2.59E+00	3.12E-01	ND	ND
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	1.37E+00	1.10E-01	2.90E-03	5.83E-03	5.83E-03	2.94E+00	2.10E-01	1.29E+00	1.55E-01	ND	ND
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	5.53E-01	4.44E-02	1.18E-03	2.34E-03	2.34E-03	5.92E-01	4.23E-02	2.60E-01	3.13E-02	ND	ND
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	1.61E-01	1.29E-02	3.42E-04	6.83E-04	6.83E-04	1.72E-01	1.23E-02	7.56E-02	9.12E-03	ND	ND
	Sweetclover	V	Vanadium	ND	ND	ND	ND	ND	4.33E-02	1.47E-03	1.14E-02	1.35E-03	3.09E-02	ND
	Sweetclover	ZN	Zinc	2.95E+00	2.37E-01	6.27E-03	1.25E-02	1.25E-02	6.28E-01	2.16E-02	1.65E-01	2.00E-02	2.30E-01	5.74E-02
RSA	Beetle	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.18E-03	6.65E-04	2.35E-04	4.68E-04	4.68E-04	3.41E-03	5.34E-04	1.49E-03	4.82E-03	ND	ND
	Beetle	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.06E-03	4.30E-04	1.52E-04	3.02E-04	3.02E-04	2.20E-03	3.45E-04	9.65E-04	3.11E-03	ND	ND
	Beetle	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.77E-02	5.78E-03	2.04E-05	4.07E-03	4.07E-03	2.96E-02	4.64E-03	1.30E-02	4.19E-02	ND	ND
	Beetle	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1.71E-04	3.58E-05	1.26E-05	2.52E-05	2.52E-05	1.83E-04	2.87E-05	8.04E-05	2.59E-04	ND	ND
	Beetle	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.81E-04	5.87E-05	2.07E-05	4.13E-05	4.13E-05	3.01E-04	4.71E-05	1.32E-04	4.25E-04	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great										Plants	Soil Fauna
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbitt	Kit Fox			
RSA (cont.)	Beetle	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.70E-02	5.65E-03	1.99E-03	3.98E-03	3.98E-03	2.89E-02	4.53E-03	1.27E-02	4.09E-02	ND	ND	
	Beetle	678HDXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.29E-04	2.69E-05	9.51E-06	1.90E-05	1.90E-05	1.38E-04	2.16E-05	6.05E-05	1.95E-04	ND	ND	
	Beetle	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.52E-01	5.27E-02	1.86E-02	3.74E-02	3.74E-02	2.71E-01	4.25E-02	1.19E-01	3.84E-01	ND	ND	
	Beetle	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.68E-02	3.51E-03	1.24E-03	2.49E-03	2.49E-03	1.80E-02	2.83E-03	7.91E-03	2.55E-02	ND	ND	
	Beetle	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.45E-04	5.11E-05	1.81E-05	3.60E-05	3.60E-05	2.62E-04	4.10E-05	1.15E-04	3.71E-04	ND	ND	
	Beetle	789HDXF	1,2,3,7,8,9-Hexachlorodibenzofuran	1.64E-04	3.42E-05	1.21E-05	2.41E-05	2.41E-05	1.75E-04	2.75E-05	7.69E-05	2.48E-04	ND	ND	
	Beetle	234PCF	2,3,4,6,7,8-Hexachlorodibenzofuran	8.35E-03	1.74E-03	6.16E-04	1.23E-03	1.23E-03	8.94E-03	1.40E-03	3.92E-03	1.26E-02	ND	ND	
	Beetle	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1.53E-01	3.20E-02	1.13E-02	2.27E-02	2.27E-02	1.65E-01	2.58E-02	7.23E-02	2.33E-01	ND	ND	
	Beetle	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.44E-01	9.28E-02	3.28E-02	6.53E-02	6.53E-02	4.75E-01	7.45E-02	2.08E-01	6.72E-01	ND	ND	
	Beetle	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3.82E-01	7.98E-02	2.82E-02	5.06E-03	5.06E-03	4.90E-02	5.77E-03	1.61E-02	5.21E-02	ND	ND	
	Beetle	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.49E-02	3.12E-03	1.10E-03	1.10E-03	1.10E-03	3.75E-05	4.43E-06	1.24E-05	4.00E-05	ND	2.75E-05	
	Beetle	AG	Silver		2.34E-02	4.88E-03	1.72E-03	3.43E-03	3.43E-03	1.15E-03	8.63E-05	3.02E-04	9.74E-04	ND	1.08E-06
	Beetle	AL	Aluminum		ND	ND	ND	ND	ND	4.33E+00	5.09E-01	1.14E+00	4.60E+00	2.10E-02	ND
	Beetle	AS	Arsenic		2.38E-01	4.97E-02	1.76E-02	3.51E-02	3.51E-02	1.41E-01	2.21E-02	6.19E-02	2.00E-01	2.66E-01	6.93E-02
	Beetle	BA	Barium		1.86E-01	3.89E-02	1.37E-02	2.75E-02	2.75E-02	2.44E-01	3.84E-02	1.08E-01	3.45E-01	4.80E-02	8.00E-03
	Beetle	BE	Beryllium		7.15E-04	1.49E-04	5.28E-05	1.06E-04	1.06E-04	2.63E-04	4.12E-05	1.15E-04	3.72E-04	5.20E-03	ND
	Beetle	CD	Cadmium		1.60E+00	3.35E-01	1.18E-01	2.19E-01	2.19E-01	6.72E-02	1.05E-02	2.94E-02	9.48E-02	1.00E-03	ND
	Beetle	CO	Cobalt		1.24E-03	2.59E-04	9.14E-05	1.83E-04	1.83E-04	6.98E-01	1.05E-01	2.94E-01	1.19E+00	5.00E-02	7.50E-03
	Beetle	CR	Chromium		2.30E+00	4.80E-01	1.69E-01	3.39E-01	3.39E-01	4.00E-02	3.76E-03	1.05E-02	2.72E-02	5.73E-03	1.08E+00
	Beetle	CU	Copper		7.15E-01	1.49E-01	5.28E-02	1.06E-01	1.06E-01	1.35E+00	1.27E-01	3.56E-01	9.19E-01	5.70E-02	6.80E-02
	Beetle	FE	Iron		3.79E+00	7.92E-01	2.80E-01	5.59E-01	5.59E-01	1.22E+01	1.91E+00	5.34E+00	1.72E+01	1.23E-02	1.10E-02
	Beetle	HG	Mercury		2.78E-02	5.80E-03	2.05E-03	4.10E-03	4.10E-03	1.13E-02	1.35E-03	3.77E-03	1.22E-02	2.08E-02	ND
	Beetle	MN	Manganese		1.76E-01	3.68E-02	1.30E-02	2.60E-02	2.60E-02	1.74E-01	2.73E-02	7.65E-02	2.46E-01	5.00E-02	ND
	Beetle	NI	Nickel		2.38E-01	4.98E-02	1.76E-02	3.52E-02	3.52E-02	3.33E-02	5.54E-03	1.55E-02	5.00E-02	4.00E-03	5.00E-03
	Beetle	OCDD	Octachlorodibenzo-dioxin - nonspecific		9.55E-04	2.00E-04	7.05E-05	1.41E-04	1.41E-04	1.02E-03	1.60E-04	4.49E-04	1.45E-03	ND	ND
	Beetle	OCDF	Octachlorodibenzofuran - nonspecific		7.84E-04	1.64E-04	5.79E-05	1.15E-04	1.15E-04	8.40E-04	1.32E-04	3.68E-04	1.19E-03	ND	ND
	Beetle	PB	Lead		2.30E-01	9.60E-03	1.70E-02	2.72E-02	2.72E-02	1.34E-01	2.10E-02	5.88E-02	1.90E-01	9.72E-04	7.92E-04
	Beetle	SB	Antimony		ND	ND	ND	ND	ND	3.91E-01	6.13E-02	1.72E-01	5.53E-01	4.20E-02	ND
	Beetle	SE	Selenium		1.39E+00	2.90E-01	1.02E-01	1.90E-01	1.90E-01	9.67E-01	1.14E-01	3.19E-01	1.03E+00	1.30E-01	1.86E-03
	Beetle	THPCDD	Total heptachlorodibenzo-p-dioxins		3.18E-03	6.65E-04	2.35E-04	4.68E-04	4.68E-04	3.41E-01	5.34E-02	1.49E-01	4.82E-01	ND	ND
	Beetle	THPCDF	Total heptachlorodibenzofurans		2.37E-03	4.96E-04	1.75E-04	3.49E-04	3.49E-04	2.54E-01	3.98E-02	1.11E-01	3.59E-01	ND	ND
	Beetle	THCDD	Total hexachlorodibenzo-p-dioxins		2.63E-02	5.49E-03	1.94E-03	3.87E-03	3.87E-03	2.82E-01	4.41E-02	1.23E-01	3.98E-01	ND	ND
Beetle	THCDF	Total hexachlorodibenzofurans		8.35E-03	1.74E-03	6.16E-04	1.23E-03	1.23E-03	8.94E-02	1.40E-02	3.92E-02	1.26E-01	ND	ND	
Beetle	TPCDD	Total pentachlorodibenzo-p-dioxins		2.52E-01	5.27E-02	1.86E-02	3.74E-02	3.74E-02	5.42E-01	8.50E-02	2.38E-01	7.67E-01	ND	ND	
Beetle	TPCDF	Total pentachlorodibenzofurans		1.60E-01	3.35E-02	1.18E-02	2.38E-02	2.38E-02	3.45E-01	5.40E-02	1.51E-01	4.87E-01	ND	ND	
Beetle	TTCDD	Total tetrachlorodibenzo-p-dioxins		5.22E+01	1.09E+01	3.85E+00	7.68E+00	7.68E+00	5.59E+01	8.76E+00	2.45E+01	7.91E+01	ND	ND	
Beetle	TTCDF	Total tetrachlorodibenzofurans		3.44E-02	7.18E-03	2.54E-03	5.06E-03	5.06E-03	3.68E-02	5.77E-03	1.61E-02	5.21E-02	ND	ND	
Beetle	V	Vanadium		ND	ND	ND	ND	ND	2.18E-01	1.62E-02	5.73E-02	1.81E-01	1.55E-01	ND	
Beetle	ZN	Zinc		1.11E+01	2.32E+00	8.19E-01	1.64E+00	1.64E+00	2.36E+00	1.78E-01	6.23E-01	2.01E+00	8.64E-01	2.16E-01	
Grasshopper	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin		8.02E-03	1.68E-03	5.92E-04	1.18E-03	1.18E-03	8.59E-03	1.34E-03	3.77E-03	1.21E-02	ND	ND	

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Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great										Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
				Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox	Plants					
RSA (cont.)	Grasshopper	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.41E-03	9.21E-04	3.25E-04	6.49E-04	6.49E-04	4.72E-03	7.39E-04	2.07E-03	6.68E-03	ND	ND	ND	ND	ND	ND
	Grasshopper	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.39E-02	1.33E-02	4.71E-03	9.40E-03	9.40E-03	6.84E-02	1.07E-02	3.00E-02	9.67E-02	ND	ND	ND	ND	ND	ND
	Grasshopper	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.64E-04	7.61E-05	2.69E-05	5.36E-05	5.36E-05	3.90E-04	6.11E-05	1.71E-04	5.51E-04	ND	ND	ND	ND	ND	ND
	Grasshopper	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.02E-04	1.26E-04	4.44E-05	8.85E-05	8.85E-05	6.44E-04	1.01E-04	2.82E-04	9.11E-04	ND	ND	ND	ND	ND	ND
	Grasshopper	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.24E-02	1.30E-02	4.60E-03	9.18E-03	9.18E-03	6.68E-02	1.05E-02	2.93E-02	9.45E-02	ND	ND	ND	ND	ND	ND
	Grasshopper	678HDX	1,2,3,6,7,8-Hexachlorodibenzofuran	2.74E-04	5.72E-05	2.02E-05	4.03E-05	4.03E-05	2.93E-04	4.59E-05	1.29E-04	4.15E-04	ND	ND	ND	ND	ND	ND
	Grasshopper	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.53E-01	9.47E-02	3.34E-02	6.71E-02	6.71E-02	4.86E-01	7.63E-02	2.14E-01	6.89E-01	ND	ND	ND	ND	ND	ND
	Grasshopper	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.39E-02	5.00E-03	1.77E-03	3.55E-03	3.55E-03	2.57E-02	4.03E-03	1.13E-02	3.64E-02	ND	ND	ND	ND	ND	ND
	Grasshopper	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5.65E-04	1.18E-04	4.17E-05	8.31E-05	8.31E-05	6.05E-04	9.48E-05	2.65E-04	8.56E-04	ND	ND	ND	ND	ND	ND
	Grasshopper	789HDX	1,2,3,7,8,9-Hexachlorodibenzofuran	3.48E-04	7.27E-05	2.57E-05	5.12E-05	5.12E-05	3.73E-04	5.84E-05	1.63E-04	5.27E-04	ND	ND	ND	ND	ND	ND
	Grasshopper	234HCF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.45E-02	7.21E-03	2.54E-03	5.07E-03	5.07E-03	3.69E-02	5.78E-03	1.62E-02	5.22E-02	ND	ND	ND	ND	ND	ND
	Grasshopper	TCDD	2,3,4,7,8-Pentachlorodibenzofuran	2.19E-01	1.12E-01	3.95E-02	7.87E-02	7.87E-02	5.73E-01	8.97E-02	2.51E-01	8.10E-01	ND	ND	ND	ND	ND	ND
	Grasshopper	TCDF	2,3,7,8-Tetrachlorodibenzofuran	4.25E-02	8.89E-03	3.14E-03	6.26E-03	6.26E-03	6.06E-02	7.13E-03	2.00E-02	6.44E-02	ND	ND	ND	ND	ND	ND
	Grasshopper	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3.47E-02	7.25E-03	2.56E-03	2.44E-03	2.44E-03	8.31E-05	9.80E-06	2.88E-05	9.29E-05	ND	ND	ND	ND	ND	ND
	Grasshopper	PPDDT	2,2-Bis(p-chlorophenyl)-1,1-trichloroethane	3.30E-02	6.90E-03	2.44E-03	4.76E-03	4.76E-03	1.59E-03	1.20E-04	4.19E-04	1.35E-03	2.91E-02	ND	ND	ND	ND	ND
	Grasshopper	AG	Silver	3.24E-02	6.77E-03	2.39E-03	4.76E-03	4.76E-03	1.59E-03	1.20E-04	4.19E-04	1.35E-03	2.91E-02	ND	ND	ND	ND	ND
	Grasshopper	AL	Aluminum	ND	ND	ND	ND	ND	1.39E+00	1.64E-01	3.67E-01	1.48E+00	8.55E-02	2.23E-02	2.38E-06	ND	ND	ND
	Grasshopper	AS	Arsenic	4.66E-02	9.74E-03	3.44E-03	6.88E-03	6.88E-03	2.75E-02	4.33E-03	1.21E-02	3.91E-02	9.41E-03	1.57E-03	ND	ND	ND	ND
	Grasshopper	BA	Barium	1.43E-01	2.98E-02	1.05E-02	2.11E-02	2.11E-02	1.87E-01	2.94E-02	8.25E-02	2.65E-01	3.99E-03	ND	ND	ND	ND	ND
	Grasshopper	BE	Beryllium	1.43E-04	2.99E-05	1.06E-05	2.11E-05	2.11E-05	5.25E-05	8.24E-06	2.31E-05	7.44E-05	2.00E-04	ND	ND	ND	ND	ND
	Grasshopper	CD	Cadmium	5.35E+00	1.12E+00	3.94E-01	7.32E-01	7.32E-01	2.24E-01	3.50E-02	9.81E-02	3.16E-01	1.67E-01	2.50E-02	ND	ND	ND	ND
	Grasshopper	CO	Cobalt	9.44E-04	1.97E-04	6.97E-05	1.39E-04	1.39E-04	5.31E-01	8.00E-02	2.24E-01	9.03E-01	5.71E-03	ND	ND	ND	ND	ND
	Grasshopper	CR	Chromium	1.96E+00	4.10E-01	1.45E-01	2.90E-01	2.90E-01	3.42E-02	3.22E-03	9.01E-03	2.32E-02	4.90E-03	9.19E-01	ND	ND	ND	ND
	Grasshopper	CU	Copper	2.66E+00	5.56E-01	1.96E-01	3.93E-01	3.93E-01	5.03E+00	4.73E-01	1.32E+00	3.42E+00	2.12E-01	2.53E-01	ND	ND	ND	ND
	Grasshopper	FE	Iron	1.42E+00	2.97E-01	1.05E-01	2.09E-01	2.09E-01	4.55E+00	7.14E-01	2.00E+00	6.43E+00	3.33E-02	1.00E-02	ND	ND	ND	ND
	Grasshopper	HG	Mercury	2.78E-02	5.80E-03	2.05E-03	4.10E-03	4.10E-03	1.13E-02	1.35E-03	3.77E-03	1.22E-02	1.53E-01	3.30E-02	ND	ND	ND	ND
	Grasshopper	MN	Manganese	1.10E-01	2.31E-02	8.15E-03	1.63E-02	1.63E-02	1.09E-01	1.71E-02	4.80E-02	1.53E-01	2.05E-03	2.56E-03	ND	ND	ND	ND
	Grasshopper	NI	Nickel	1.22E-01	2.55E-02	9.02E-03	1.80E-02	1.80E-02	1.81E-02	2.84E-03	7.95E-03	2.56E-02	2.05E-03	2.56E-03	ND	ND	ND	ND
	Grasshopper	OCDD	Octachlorodibenzodioxin - nonspecific	1.93E-03	4.03E-04	1.42E-04	2.84E-04	2.84E-04	2.07E-03	3.24E-04	9.06E-04	2.92E-03	ND	ND	ND	ND	ND	ND
	Grasshopper	OCDF	Octachlorodibenzofuran - nonspecific	1.58E-03	3.31E-04	1.17E-04	2.33E-04	2.33E-04	1.70E-03	2.66E-04	7.44E-04	2.40E-03	ND	ND	ND	ND	ND	ND
	Grasshopper	PB	Lead	2.50E-01	1.05E-02	1.85E-02	2.96E-02	2.96E-02	1.46E-01	2.29E-02	6.41E-02	2.07E-01	1.06E-03	8.63E-04	ND	ND	ND	ND
	Grasshopper	SB	Antimony	ND	ND	ND	ND	ND	1.95E-01	3.06E-02	8.58E-02	2.77E-01	2.10E-02	2.88E-03	ND	ND	ND	ND
	Grasshopper	SE	Selenium	2.15E+00	4.49E-01	1.59E-01	2.95E-01	2.95E-01	1.50E+00	1.76E-01	4.93E-01	1.59E+00	2.01E-01	ND	ND	ND	ND	ND
	Grasshopper	THPCDD	Total heptachlorodibenzo-p-dioxins	8.02E-03	1.68E-03	5.92E-04	1.18E-03	1.18E-03	8.59E-01	1.34E-01	3.77E-01	1.21E+00	ND	ND	ND	ND	ND	ND
	Grasshopper	THPCDF	Total heptachlorodibenzofurans	5.09E-03	1.06E-03	3.75E-04	7.48E-04	7.48E-04	5.45E-01	8.53E-02	2.39E-01	7.70E-01	ND	ND	ND	ND	ND	ND
	Grasshopper	THCDD	Total hexachlorodibenzo-p-dioxins	6.07E-02	1.27E-02	4.48E-03	8.94E-03	8.94E-03	6.50E-01	1.02E-01	2.85E-01	9.20E-01	ND	ND	ND	ND	ND	ND
	Grasshopper	THCDF	Total hexachlorodibenzofurans	3.36E-02	7.01E-03	2.48E-03	4.94E-03	4.94E-03	3.59E-01	5.63E-02	1.58E-01	5.08E-01	ND	ND	ND	ND	ND	ND
	Grasshopper	TPCDD	Total pentachlorodibenzo-p-dioxins	4.53E-01	9.47E-02	3.34E-02	6.71E-02	6.71E-02	9.74E-01	1.53E-01	4.27E-01	1.38E+00	ND	ND	ND	ND	ND	ND
	Grasshopper	TPCDF	Total pentachlorodibenzofurans	2.29E-01	4.78E-02	1.69E-02	3.39E-02	3.39E-02	4.92E-01	7.70E-02	2.16E-01	6.95E-01	ND	ND	ND	ND	ND	ND
	Grasshopper	TTCCDD	Total tetrachlorodibenzo-p-dioxins	3.95E-01	8.25E-02	2.91E-02	5.81E-02	5.81E-02	4.23E-01	6.62E-02	1.85E-01	5.98E-01	ND	ND	ND	ND	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Klt Fox	Plants	Soil Fauna
RSA (cont.)														
	Grasshopper	TTCDF	Total tetrachlorodibenzofurans	4.25E-02	8.89E-03	3.14E-03	6.26E-03	6.26E-03	4.55E-02	7.13E-03	2.00E-02	6.44E-02	ND	ND
	Grasshopper	V	Vanadium	ND	ND	ND	ND	ND	8.65E-02	6.44E-03	2.28E-02	7.21E-02	6.16E-02	ND
	Grasshopper	ZN	Zinc	1.48E-01	3.10E+00	1.10E+00	2.19E+00	2.19E+00	3.16E+00	2.38E-01	2.28E-02	7.21E-02	1.16E+00	2.89E-01
	Gunweed	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.58E-02	3.31E-03	1.17E-03	2.33E-03	2.33E-03	1.69E-02	2.65E-03	7.43E-03	2.40E-02	ND	ND
	Gunweed	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	7.64E-03	1.60E-03	5.64E-04	1.12E-03	1.12E-03	8.18E-03	1.28E-03	3.59E-03	1.16E-02	ND	ND
	Gunweed	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.22E-01	2.56E-02	9.02E-02	1.80E-02	1.80E-02	1.31E-01	2.05E-02	5.74E-02	1.85E-01	ND	ND
	Gunweed	78HXDF	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.57E-04	1.37E-04	4.85E-05	9.67E-05	9.67E-05	7.04E-04	1.10E-04	3.09E-04	9.95E-04	ND	ND
	Gunweed	789HPF	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.25E-03	2.61E-04	9.23E-05	1.84E-04	1.84E-04	1.34E-03	2.10E-04	5.88E-04	1.89E-03	ND	ND
	Gunweed	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.02E-01	2.14E-02	7.55E-03	1.50E-02	1.50E-02	1.09E-01	1.72E-02	4.80E-02	1.53E-01	ND	ND
	Gunweed	678HDXF	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5.24E-04	1.10E-04	3.87E-05	7.72E-05	7.72E-05	5.61E-04	8.79E-05	2.46E-04	7.94E-04	ND	ND
	Gunweed	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.24E-01	8.85E-02	3.13E-02	6.28E-02	6.28E-02	4.55E-01	7.13E-02	2.00E-01	6.44E-01	ND	ND
	Gunweed	78PCDF	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.51E-02	3.15E-03	1.11E-03	2.23E-03	2.23E-03	1.62E-02	2.53E-03	7.10E-03	2.29E-02	ND	ND
	Gunweed	789HDX	1,2,3,7,8-Hexachlorodibenzo-p-dioxin	1.11E-03	2.32E-04	8.18E-05	1.63E-04	1.63E-04	1.19E-03	1.86E-04	5.21E-04	1.68E-03	ND	ND
	Gunweed	789HDXF	1,2,3,7,8-Hexachlorodibenzo-p-dioxin	7.04E-04	1.47E-04	5.19E-05	1.04E-04	1.04E-04	7.53E-04	1.18E-04	3.31E-04	1.07E-03	ND	ND
	Gunweed	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	2.60E+01	2.45E+00	6.86E+00	1.38E+01	3.33E+00	ND
	Gunweed	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	2.05E+00	1.93E-01	5.39E-01	1.02E+00	ND	ND
	Gunweed	234HDXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	6.31E-02	1.32E-02	4.65E-03	9.28E-03	9.28E-03	6.75E-02	1.06E-02	2.96E-02	9.55E-02	ND	ND
	Gunweed	234PCF	2,3,4,7,8-Pentachlorodibenzo-p-dioxin	1.56E-01	3.25E-02	1.15E-02	2.30E-02	2.30E-02	1.67E-01	2.62E-02	7.33E-02	2.36E-01	ND	ND
	Gunweed	TCDD	2,3,7,8-Tetrachlorodibenzo-dioxin	5.11E-01	1.07E-01	3.77E-02	7.52E-02	7.52E-02	5.47E-01	8.57E-02	2.40E-01	7.73E-01	ND	ND
	Gunweed	TCDF	2,3,7,8-Tetrachlorodibenzo-p-dioxin	6.57E-02	1.37E-02	4.85E-03	9.67E-03	9.67E-03	9.37E-02	1.10E-02	3.08E-02	9.95E-02	ND	ND
	Gunweed	PPDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	2.36E+00	4.93E-01	1.74E-01	6.96E-02	6.96E-02	5.94E-03	7.00E-04	1.96E-03	6.32E-03	ND	1.70E-04
	Gunweed	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	7.98E-01	1.67E-01	5.89E-02	5.89E-02	5.89E-02	2.01E-03	2.37E-04	6.63E-04	2.14E-03	ND	5.75E-05
	Gunweed	AG	Silver	4.38E-02	9.15E-03	3.23E-03	6.44E-03	6.44E-03	2.15E-03	1.62E-04	5.66E-04	1.83E-03	3.93E-02	ND
	Gunweed	AL	Aluminum	ND	ND	ND	ND	ND	4.45E+00	5.23E-01	1.17E+00	4.72E+00	2.73E-01	7.12E-02
	Gunweed	AS	Arsenic	1.56E-01	3.26E-02	1.15E-02	2.30E-02	2.30E-02	9.23E-02	1.45E-02	4.06E-02	1.31E-01	3.15E-02	5.25E-03
	Gunweed	BA	Barium	1.37E+00	2.87E-01	1.01E-01	2.03E-01	2.03E-01	1.80E+00	2.84E-01	7.94E-01	2.55E+00	3.84E-02	ND
	Gunweed	BE	Beryllium	8.77E-04	1.83E-04	6.47E-05	1.29E-04	1.29E-04	3.22E-04	5.05E-05	1.41E-04	4.56E-04	1.23E-03	ND
	Gunweed	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	1.34E-04	2.09E-05	5.85E-05	1.92E-04	1.60E-05	2.31E-06
	Gunweed	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.36E-04	2.12E-05	5.92E-05	1.94E-04	1.62E-05	2.34E-06
	Gunweed	CD	Cadmium	6.15E+00	1.29E+00	4.54E-01	8.43E-01	8.43E-01	2.98E-01	4.04E-02	1.13E-01	3.64E-01	1.92E-01	2.88E-02
	Gunweed	CHRY	Chrysene	ND	ND	ND	ND	ND	1.16E-04	1.80E-05	5.05E-05	1.65E-04	1.38E-05	1.99E-06
	Gunweed	CO	Cobalt	7.26E-04	1.52E-04	5.36E-05	1.07E-04	1.07E-04	4.09E-01	6.15E-02	1.72E-01	6.94E-01	4.40E-03	ND
	Gunweed	CR	Chromium	2.40E+00	5.02E-01	1.77E-01	3.55E-01	3.55E-01	4.19E-02	3.94E-03	1.10E-02	2.84E-02	6.00E-03	1.13E+00
	Gunweed	CU	Copper	1.22E+00	2.54E-01	8.99E-02	1.80E-01	1.80E-01	2.30E+00	2.16E-01	6.06E-01	1.56E+00	9.71E-02	1.16E-01
	Gunweed	FE	Iron	3.13E+00	6.55E-01	2.31E-01	4.63E-01	4.63E-01	1.01E+01	1.38E+00	4.42E+00	1.42E+01	ND	1.76E-01
	Gunweed	FANT	Fluoranthene	ND	ND	ND	ND	ND	6.03E-04	9.40E-05	2.63E-04	8.62E-04	7.20E-05	1.04E-05
	Gunweed	HG	Mercury	2.75E-02	5.74E-03	2.03E-03	4.06E-03	4.06E-03	1.12E-02	1.33E-03	3.73E-03	1.20E-02	3.30E-02	9.90E-03
	Gunweed	MN	Manganese	6.77E-01	1.41E-01	4.99E-02	9.98E-02	9.98E-02	6.69E-01	1.03E-01	2.94E-01	9.47E-01	7.99E-02	ND
	Gunweed	NI	Nickel	5.47E-01	1.14E-01	4.04E-02	8.07E-02	8.07E-02	8.10E-02	1.27E-02	3.56E-02	1.15E-01	9.17E-03	1.15E-02
	Gunweed	OCDD	Octachlorodibenzo-dioxin - nonspecific	2.61E-03	5.45E-04	1.92E-04	3.84E-04	3.84E-04	2.79E-03	4.37E-04	1.22E-03	3.95E-03	ND	ND
	Gunweed	OCDF	Octachlorodibenzo-furan - nonspecific	1.16E-03	2.42E-04	8.54E-05	1.70E-04	1.70E-04	1.24E-03	1.94E-04	5.44E-04	1.75E-03	ND	ND

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Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)															
	Gunweed	PB	Lead	6.84E-01	2.86E-02	5.04E-02	8.08E-02	8.08E-02	3.99E-01	6.23E-02		1.73E-01	5.64E-01	2.89E-03	2.36E-03
	Gunweed	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	3.15E-03	4.91E-04		1.37E-03	4.50E-03	3.76E-04	5.43E-05
	Gunweed	PYR	Pyrene	ND	ND	ND	ND	ND	3.02E-04	4.70E-05		1.32E-04	4.31E-04	3.60E-05	5.20E-06
	Gunweed	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.10E+01	3.46E+00		9.68E+00	3.12E+01	ND	ND
	Gunweed	SB	Antimony	ND	ND	ND	ND	ND	3.07E-01	4.81E-02		1.35E-01	4.35E-01	3.30E-02	ND
	Gunweed	SE	Selenium	4.31E+00	9.01E-01	3.18E-01	5.91E-01	5.91E-01	3.01E+00	3.53E-01		9.90E-01	3.19E+00	4.04E-01	5.77E-03
	Gunweed	THPCDD	Total heptachlorodibenzo-p-dioxins	1.04E-02	2.17E-03	7.66E-04	1.53E-03	1.53E-03	1.11E+00	1.74E-01		4.87E-01	1.57E+00	ND	ND
	Gunweed	THPCDF	Total heptachlorodibenzofurans	9.49E-03	1.98E-03	7.00E-04	1.40E-03	1.40E-03	1.02E+00	1.59E-01		4.45E-01	1.44E+00	ND	ND
	Gunweed	THCDD	Total hexachlorodibenzo-p-dioxins	1.11E-01	2.32E-02	8.20E-03	1.64E-02	1.64E-02	1.19E+00	1.86E-01		5.22E-01	1.68E+00	ND	ND
	Gunweed	THCDF	Total hexachlorodibenzofurans	4.14E-02	8.64E-03	3.05E-03	6.08E-03	6.08E-03	4.43E-01	6.93E-02		1.94E-01	6.26E-01	ND	ND
	Gunweed	TPCDD	Total pentachlorodibenzo-p-dioxins	4.24E-01	8.85E-02	3.13E-02	6.28E-02	6.28E-02	9.10E-01	1.43E-01		3.99E-01	1.29E+00	ND	ND
	Gunweed	TPCDF	Total pentachlorodibenzofurans	2.34E-01	4.90E-02	1.73E-02	3.47E-02	3.47E-02	5.04E-01	7.89E-02		2.21E-01	7.12E-01	ND	ND
	Gunweed	TTCCDD	Total tetrachlorodibenzo-p-dioxins	3.14E-01	6.56E-02	2.32E-02	4.62E-02	4.62E-02	3.36E-01	5.26E-02		1.47E-01	4.75E-01	ND	ND
	Gunweed	TTCDF	Total tetrachlorodibenzofurans	1.31E-01	2.73E-02	9.66E-03	1.93E-02	1.93E-02	1.40E-01	2.20E-02		6.13E-02	1.98E-01	ND	ND
	Gunweed	V	Vanadium	ND	ND	ND	ND	ND	1.72E-01	1.28E-02		4.53E-02	1.44E-01	1.23E-01	ND
	Gunweed	ZN	Zinc	5.48E+00	1.14E+00	4.04E-01	8.08E-01	8.08E-01	1.17E+00	8.78E-04		3.07E-01	9.90E-01	4.26E-01	1.07E-01
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.86E-03	1.22E-03	4.32E-04	8.62E-04	8.62E-04	6.27E-03	9.83E-04		2.75E-03	8.87E-03	ND	ND
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.17E-03	4.54E-04	1.60E-04	3.19E-04	3.19E-04	2.32E-03	3.64E-04		1.02E-03	3.29E-03	ND	ND
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	5.12E-02	1.07E-02	3.78E-03	7.53E-03	7.53E-03	5.48E-02	8.58E-03		2.40E-02	7.75E-02	ND	ND
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.33E-04	6.97E-05	2.46E-05	4.91E-05	4.91E-05	3.57E-04	5.59E-05		1.57E-04	5.05E-04	ND	ND
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Hexachlorodibenzo-p-dioxin	6.51E-04	1.36E-04	4.80E-05	9.58E-05	9.58E-05	6.97E-04	1.09E-04		3.06E-04	9.86E-04	ND	ND
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.21E-02	8.79E-03	3.10E-03	6.19E-03	6.19E-03	4.50E-02	7.05E-03		1.97E-02	6.37E-02	ND	ND
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2.50E-04	5.23E-05	1.85E-05	3.68E-05	3.68E-05	2.68E-04	4.20E-05		1.18E-04	3.79E-04	ND	ND
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.54E-01	5.31E-02	1.87E-02	3.76E-02	3.76E-02	2.72E-01	4.27E-02		1.20E-01	3.86E-01	ND	ND
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.56E-02	3.26E-03	1.15E-03	2.31E-03	2.31E-03	1.68E-02	2.63E-03		7.35E-03	2.37E-02	ND	ND
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.69E-04	7.72E-05	2.73E-05	5.44E-05	5.44E-05	3.95E-04	6.20E-05		1.73E-04	5.59E-04	ND	ND
	Jackrabbit	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	3.36E-04	7.02E-05	2.48E-05	4.94E-05	4.94E-05	3.60E-04	5.64E-05		1.58E-04	5.09E-04	ND	ND
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.12E+00	1.05E-01		2.94E-01	5.38E-01	ND	ND
	Jackrabbit	234HXF	2,3,4,6,7,8-Hexachlorodibenzo-p-dioxin	3.15E-02	6.37E-03	2.32E-03	4.63E-03	4.63E-03	3.37E-02	5.28E-03		1.48E-02	4.76E-02	ND	ND
	Jackrabbit	234PCF	2,3,4,6,7,8-Hexachlorodibenzofuran	1.57E-01	3.29E-02	1.16E-02	2.33E-02	2.33E-02	1.69E-01	2.65E-02		7.41E-02	2.39E-01	ND	ND
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzo-p-dioxin	2.92E-01	6.11E-02	2.16E-02	4.30E-02	4.30E-02	3.13E-01	4.90E-02		1.37E-01	4.42E-01	ND	ND
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.43E-02	5.08E-03	1.79E-03	3.58E-03	3.58E-03	3.47E-02	4.08E-03		1.14E-02	3.68E-02	ND	ND
	Jackrabbit	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	5.09E-02	1.06E-02	3.76E-03	3.76E-03	3.76E-03	1.28E-04	1.51E-05		4.23E-05	1.36E-04	ND	3.67E-06
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	6.94E-01	1.45E-01	5.12E-02	5.12E-02	5.12E-02	1.75E-03	2.06E-04		5.76E-04	1.86E-03	ND	5.00E-05
	Jackrabbit	AG	Silver	1.03E-01	2.16E-02	7.64E-03	1.52E-02	1.52E-02	5.08E-03	3.82E-04		1.34E-03	4.31E-03	9.28E-02	ND
	Jackrabbit	AL	Aluminum	ND	ND	ND	ND	ND	1.26E+00	1.48E-01		3.32E-01	1.34E+00	7.73E-02	2.02E-02
	Jackrabbit	AS	Arsenic	9.29E-02	1.94E-02	6.86E-03	1.37E-02	1.37E-02	5.49E-02	8.63E-03		2.42E-02	7.80E-02	1.87E-02	3.12E-03
	Jackrabbit	BA	Barium	7.13E-01	1.49E-01	5.26E-02	1.05E-01	1.05E-01	9.37E-02	1.47E-01		4.12E-01	1.32E+00	1.99E-02	ND
	Jackrabbit	BE	Beryllium	1.43E-04	2.99E-05	1.06E-05	2.11E-05	2.11E-05	5.25E-05	8.24E-06		2.31E-05	7.44E-05	2.00E-04	ND
	Jackrabbit	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	8.21E-05	1.28E-05		3.58E-05	1.17E-04	9.80E-06	1.42E-06
	Jackrabbit	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	8.38E-05	1.31E-05		3.66E-05	1.20E-04	1.00E-05	1.45E-06

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Jackrabbit	CD	Cadmium	8.96E-01	1.87E-01	6.61E-02	1.23E-01	1.23E-01	3.76E-02	5.88E-03	1.65E-02	5.30E-02	2.80E-02	4.20E-03
	Jackrabbit	CHRY	Chrysene	ND	ND	ND	ND	ND	9.38E-05	1.46E-05	4.10E-05	1.34E-04	1.12E-05	1.62E-06
	Jackrabbit	CO	Cobalt	3.32E-04	6.93E-05	2.45E-05	4.90E-05	4.90E-05	1.87E-01	2.81E-02	7.87E-02	3.17E-01	2.01E-03	ND
	Jackrabbit	CR	Chromium	2.25E+00	4.71E-01	1.66E-01	3.33E-01	3.33E-01	3.93E-02	3.69E-03	1.03E-02	2.67E-02	5.63E-03	1.06E+00
	Jackrabbit	CU	Copper	3.32E-01	6.94E-02	2.45E-02	4.90E-02	4.90E-02	6.27E-01	5.90E-02	1.65E-01	4.27E-01	2.63E-02	3.16E-02
	Jackrabbit	FE	Iron	2.07E+00	4.33E-01	1.53E-01	3.06E-01	3.06E-01	6.65E-01	1.04E+00	2.92E+00	9.39E+00	ND	1.16E-01
	Jackrabbit	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.44E-04	2.25E-05	6.29E-05	2.06E-04	1.72E-05	2.49E-06
	Jackrabbit	HG	Mercury	3.78E-02	7.89E-03	2.79E-03	5.57E-03	5.57E-03	1.53E-02	1.83E-03	5.13E-03	1.65E-02	4.54E-02	1.36E-02
	Jackrabbit	MN	Manganese	5.97E-02	1.25E-02	4.41E-03	8.82E-03	8.82E-03	5.91E-02	9.27E-03	2.60E-02	8.36E-02	7.06E-03	ND
	Jackrabbit	NI	Nickel	3.10E-02	6.49E-03	2.29E-03	4.58E-03	4.58E-03	4.60E-03	7.21E-04	2.02E-03	6.51E-03	5.21E-04	6.51E-04
	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	5.31E-04	1.11E-04	3.91E-05	7.81E-05	7.81E-05	5.68E-04	8.26E-04	3.62E-04	1.17E-03	ND	ND
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	7.72E-04	1.61E-04	5.69E-05	1.14E-04	1.14E-04	8.26E-04	1.29E-04	3.62E-04	8.17E+00	4.19E-02	3.41E-02
	Jackrabbit	PB	Lead	9.90E+00	4.14E-01	7.30E-01	1.17E+00	1.17E+00	5.78E-00	9.03E-01	2.53E+00	8.86E-05	7.40E-06	1.07E-06
	Jackrabbit	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	6.20E-05	9.66E-06	2.71E-05	9.34E-05	7.80E-06	1.13E-06
	Jackrabbit	PYR	Pyrene	ND	ND	ND	ND	ND	1.09E+00	1.71E-01	4.80E-01	1.55E+00	1.18E-01	ND
	Jackrabbit	SB	Antimony	ND	ND	ND	ND	ND	6.34E-05	1.02E-05	2.85E-05	3.68E+00	4.66E-01	6.66E-03
	Jackrabbit	SE	Selenium	4.97E+00	1.04E+00	3.67E-01	6.82E-01	6.82E-01	3.47E+00	4.08E-01	1.14E+00	8.87E-01	ND	ND
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	5.86E-03	1.22E-03	4.32E-04	8.62E-04	8.62E-04	6.27E-01	9.83E-02	2.75E-01	8.78E-01	ND	ND
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	2.63E-03	5.50E-04	1.94E-04	3.87E-04	3.87E-04	2.82E-01	4.41E-02	1.24E-01	3.98E-01	ND	ND
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	4.26E-02	8.91E-03	3.13E-03	6.27E-03	6.27E-03	4.56E-01	7.15E-02	2.00E-01	6.45E-01	ND	ND
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	1.72E-02	3.60E-03	1.27E-03	2.53E-03	2.53E-03	1.84E-01	2.89E-02	8.09E-02	2.61E-01	ND	ND
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	2.54E-01	5.31E-02	1.87E-02	3.76E-02	3.76E-02	5.46E-01	8.55E-02	2.39E-01	7.72E-01	ND	ND
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	8.09E-02	1.69E-02	5.97E-03	1.20E-02	1.20E-02	1.74E-01	2.72E-02	7.62E-02	2.46E-01	ND	ND
	Jackrabbit	TTCDD	Total tetrachlorodibenzo-p-dioxins	2.92E-01	6.11E-02	2.16E-02	4.30E-02	4.30E-02	3.13E-01	4.90E-02	1.37E-01	4.42E-01	ND	ND
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	2.19E-02	4.57E-03	1.61E-03	3.22E-03	3.22E-03	2.34E-02	3.67E-03	1.03E-02	3.31E-02	ND	ND
	Jackrabbit	V	Vanadium	ND	ND	ND	ND	ND	3.78E-02	2.81E-03	9.95E-03	3.15E-02	2.69E-02	ND
	Jackrabbit	ZN	Zinc	5.53E+00	1.16E+00	4.08E-01	8.17E-01	8.17E-01	1.18E+00	8.86E-02	3.10E-01	1.00E+00	4.31E-01	1.08E-01
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.02E-02	2.13E-03	7.52E-04	1.50E-03	1.50E-03	1.09E-02	1.71E-03	4.78E-03	1.54E-02	ND	ND
	Rabbitbrush	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.78E-03	1.42E-03	5.00E-04	9.98E-04	9.98E-04	7.20E-03	1.14E-03	3.18E-03	1.03E-02	ND	ND
	Rabbitbrush	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.07E-01	2.24E-02	7.93E-03	1.58E-02	1.58E-02	1.15E-01	1.80E-02	5.04E-02	1.63E-01	ND	ND
	Rabbitbrush	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.29E-04	6.88E-05	2.43E-05	4.84E-05	4.84E-05	3.52E-04	5.52E-05	1.55E-04	4.98E-04	ND	ND
	Rabbitbrush	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzo-p-dioxin	1.36E-03	2.83E-04	1.00E-04	1.99E-04	1.99E-04	1.45E-03	2.27E-04	6.37E-04	2.05E-03	ND	ND
	Rabbitbrush	789HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8.82E-02	1.84E-02	6.51E-03	1.30E-02	1.30E-02	9.44E-02	1.48E-02	4.14E-02	1.34E-01	ND	ND
	Rabbitbrush	789HDF	1,2,3,6,7,8-Hexachlorodibenzofuran	5.20E-04	1.09E-04	3.84E-05	7.65E-05	7.65E-05	5.57E-04	8.72E-05	2.44E-04	7.88E-04	ND	ND
	Rabbitbrush	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.16E-01	8.70E-02	3.07E-02	6.17E-02	6.17E-02	4.47E-01	7.01E-02	1.96E-01	6.33E-01	ND	ND
	Rabbitbrush	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2.66E-02	5.56E-03	1.96E-03	3.94E-03	3.94E-03	2.85E-02	4.48E-03	1.25E-02	4.04E-02	ND	ND
	Rabbitbrush	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	7.75E-04	1.62E-04	5.72E-05	1.14E-04	1.14E-04	8.30E-04	1.30E-04	3.64E-04	1.17E-03	ND	ND
	Rabbitbrush	789HDF	1,2,3,7,8,9-Hexachlorodibenzofuran	6.97E-04	1.46E-04	5.14E-05	1.03E-04	1.03E-04	7.46E-04	1.17E-04	3.27E-04	1.06E-03	ND	ND
	Rabbitbrush	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	4.30E+00	4.04E+00	1.13E+01	2.28E+01	5.50E+00	ND
	Rabbitbrush	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.31E-01	3.68E-01	1.31E-01	6.97E-01	ND	ND
	Rabbitbrush	234HFX	2,3,4,6,7,8-Hexachlorodibenzofuran	2.97E-02	6.21E-03	2.19E-03	4.37E-03	4.37E-03	3.18E-02	4.99E-03	1.40E-02	4.50E-02	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Rabbitbrush	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2.69E-01	5.60E-02	1.98E-02	3.97E-02	3.97E-02	2.88E-01	4.51E-02	4.51E-02	1.26E-01	4.07E-01	ND	ND
	Rabbitbrush	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	3.75E-01	7.84E-02	2.77E-02	5.52E-02	5.52E-02	4.02E-01	6.29E-02	6.29E-02	1.76E-01	5.69E-01	ND	ND
	Rabbitbrush	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.40E-02	5.02E-03	1.77E-03	3.53E-03	3.53E-03	3.42E-02	4.03E-03	4.03E-03	1.13E-02	3.64E-02	ND	ND
	Rabbitbrush	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	4.27E+00	8.93E-01	3.15E-01	1.26E-01	1.26E-01	1.08E-02	1.27E-03	1.27E-03	3.55E-03	1.14E-02	ND	3.08E-04
	Rabbitbrush	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.67E+00	3.48E-01	1.23E-01	1.23E-01	1.23E-01	4.19E-03	4.94E-04	4.94E-04	1.38E-03	4.46E-03	ND	1.20E-04
	Rabbitbrush	AG	Silver	4.52E-02	9.43E-03	3.33E-03	6.64E-03	6.64E-03	2.22E-03	1.67E-04	1.67E-04	5.84E-04	1.88E-04	4.05E-02	ND
	Rabbitbrush	AL	Aluminum	ND	ND	ND	ND	ND	2.38E+00	2.80E-01	2.80E-01	6.27E-01	2.52E+00	1.46E-01	3.81E-02
	Rabbitbrush	AS	Arsenic	1.19E-01	2.40E-02	8.81E-03	1.76E-02	1.76E-02	1.11E-02	1.11E-02	1.11E-02	3.11E-02	1.00E-01	2.41E-02	4.02E-03
	Rabbitbrush	BA	Barium	3.34E-01	6.98E-02	2.47E-02	4.93E-02	4.93E-02	4.39E-01	6.90E-02	6.90E-02	1.93E-01	6.20E-01	9.34E-03	ND
	Rabbitbrush	BE	Beryllium	2.14E-04	4.48E-05	1.38E-05	3.17E-05	3.17E-05	7.88E-05	1.24E-05	1.24E-05	3.46E-05	1.12E-04	3.00E-04	ND
	Rabbitbrush	BAANTR	Benzo(a)anthracene	ND	ND	ND	ND	ND	6.03E-05	9.40E-06	9.40E-06	2.63E-05	8.62E-05	7.20E-06	1.04E-06
	Rabbitbrush	BKFANT	Benzo(k)fluoranthene	ND	ND	ND	ND	ND	1.36E-04	2.13E-02	2.13E-02	5.96E-02	1.92E-01	1.01E-01	1.52E-02
	Rabbitbrush	CD	Cadmium	3.25E+00	6.79E-01	2.40E-01	4.45E-01	4.45E-01	1.36E-01	2.13E-02	2.13E-02	5.96E-02	1.92E-01	1.01E-01	1.52E-02
	Rabbitbrush	CHRY	Chrysene	ND	ND	ND	ND	ND	1.68E-04	2.62E-05	2.62E-05	7.35E-05	2.41E-04	2.01E-05	2.90E-06
	Rabbitbrush	CO	Cobalt	3.97E-04	8.29E-05	2.93E-05	5.85E-05	5.85E-05	2.23E-01	3.36E-02	3.36E-02	9.41E-02	3.79E-01	2.40E-03	ND
	Rabbitbrush	CR	Chromium	1.48E+00	3.10E-01	1.09E-01	2.19E-01	2.19E-01	2.58E-02	2.43E-03	2.43E-03	6.80E-03	1.75E-02	3.70E-03	6.94E-01
	Rabbitbrush	CU	Copper	6.04E-01	1.26E-01	4.46E-02	8.92E-02	8.92E-02	1.14E+00	1.07E-01	1.07E-01	3.01E-01	7.76E-01	4.82E-02	5.75E-02
	Rabbitbrush	FE	Iron	1.84E+00	3.85E-01	1.36E-01	2.72E-01	2.72E-01	5.90E+00	9.26E-01	9.26E-01	2.59E+00	8.34E+00	ND	1.03E-01
	Rabbitbrush	FANT	Fluoranthene	ND	ND	ND	ND	ND	7.46E-04	1.16E-04	1.16E-04	3.26E-04	1.07E-03	8.91E-05	1.29E-05
	Rabbitbrush	HG	Mercury	3.75E-02	7.79E-03	2.75E-03	5.50E-03	5.50E-03	1.51E-02	1.81E-03	1.81E-03	5.06E-03	1.63E-02	4.48E-02	1.34E-02
	Rabbitbrush	MN	Manganese	5.70E-01	1.19E-01	4.21E-02	8.41E-02	8.41E-02	5.64E-01	8.84E-02	8.84E-02	2.48E-01	7.98E-01	6.74E-02	ND
	Rabbitbrush	NI	Nickel	1.61E-01	3.37E-02	1.19E-02	2.38E-02	2.38E-02	2.39E-02	3.75E-03	3.75E-03	1.05E-02	3.38E-02	2.71E-03	3.38E-03
	Rabbitbrush	OCDD	Octachlorodibenzodioxin - nonspecific	4.29E-03	8.96E-04	3.16E-04	6.31E-04	6.31E-04	4.59E-03	7.19E-04	7.19E-04	2.01E-03	6.49E-03	ND	ND
	Rabbitbrush	OCDF	Octachlorodibenzofuran - nonspecific	1.18E-03	2.46E-04	8.68E-05	1.73E-04	1.73E-04	1.26E-03	1.97E-04	1.97E-04	5.52E-04	1.78E-03	ND	ND
	Rabbitbrush	PB	Lead	7.81E-01	3.26E-02	5.76E-02	9.23E-02	9.23E-02	4.56E-01	7.14E-02	7.14E-02	2.00E-01	6.44E-01	3.30E-03	2.69E-03
	Rabbitbrush	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	2.61E-03	4.07E-04	4.07E-04	1.14E-03	3.73E-03	3.12E-04	4.51E-05
	Rabbitbrush	PYR	Pyrene	ND	ND	ND	ND	ND	3.72E-01	6.13E+00	6.13E+00	1.72E+01	5.53E+01	3.12E-05	4.51E-06
	Rabbitbrush	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	4.93E-01	7.73E-02	7.73E-02	2.16E-01	6.98E-01	5.30E-02	ND
	Rabbitbrush	SB	Antimony	ND	ND	ND	ND	ND	1.66E+00	1.95E-01	1.95E-01	5.46E-01	1.76E+00	2.23E-01	3.18E-03
	Rabbitbrush	SE	Selenium	2.38E+00	4.97E-01	1.75E-01	3.26E-01	3.26E-01	1.66E+00	1.69E+00	1.69E+00	7.40E-01	2.39E+00	ND	ND
	Rabbitbrush	THPCDD	Total heptachlorodibenzo-p-dioxins	1.58E-02	3.29E-03	1.16E-03	2.32E-03	2.32E-03	1.69E+00	2.64E-01	2.64E-01	7.40E-01	2.39E+00	ND	ND
	Rabbitbrush	THPCDF	Total heptachlorodibenzofurans	7.66E-03	1.60E-03	5.65E-04	1.13E-03	1.13E-03	8.20E-01	1.29E-01	1.29E-01	3.60E-01	1.16E+00	ND	ND
	Rabbitbrush	THCDD	Total hexachlorodibenzo-p-dioxins	8.95E-02	1.87E-02	6.60E-03	1.32E-02	1.32E-02	9.58E-01	1.50E-01	1.50E-01	4.20E-01	1.35E+00	ND	ND
	Rabbitbrush	THCDF	Total hexachlorodibenzofurans	1.19E-01	2.50E-02	8.82E-03	1.76E-02	1.76E-02	1.28E+00	2.00E-01	2.00E-01	5.61E-01	1.81E+00	ND	ND
	Rabbitbrush	TPCDD	Total pentachlorodibenzo-p-dioxins	1.81E-01	3.78E-02	1.34E-02	2.68E-02	2.68E-02	3.89E-01	6.10E-02	6.10E-02	1.71E-01	5.50E-01	ND	ND
	Rabbitbrush	TPCDF	Total pentachlorodibenzofurans	1.38E-01	2.88E-02	1.07E-02	2.04E-02	2.04E-02	2.96E-01	4.63E-02	4.63E-02	1.30E-01	4.18E-01	ND	ND
	Rabbitbrush	TTCCDD	Total tetrachlorodibenzo-p-dioxins	2.12E-01	4.43E-02	1.56E-02	3.12E-02	3.12E-02	2.27E-01	3.55E-02	3.55E-02	9.95E-02	3.21E-01	ND	ND
	Rabbitbrush	TTCDF	Total tetrachlorodibenzofurans	5.29E-02	1.11E-02	3.91E-03	7.79E-03	7.79E-03	5.67E-02	8.88E-03	8.88E-03	2.49E-02	8.02E-02	ND	ND
	Rabbitbrush	V	Vanadium	ND	ND	ND	ND	ND	8.84E-02	6.58E-03	6.58E-03	2.33E-02	7.37E-02	6.30E-02	ND
	Rabbitbrush	ZN	Zinc	3.13E+00	6.55E-01	2.31E-01	4.62E-01	4.62E-01	8.84E-02	5.02E-02	5.02E-02	1.76E-01	5.66E-01	2.44E-01	6.09E-02
	Rabbitbrush	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	9.75E-03	2.04E-03	7.19E-04	1.43E-03	1.43E-03	1.04E-02	1.63E-03	1.63E-03	4.58E-03	1.48E-02	ND	ND
	Sweetclover														

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)															
	Sweetclover	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.12E-02	4.43E-03	1.57E-03	3.12E-03	3.12E-03	2.27E-02	3.56E-03		9.96E-03	3.21E-02	ND	ND
	Sweetclover	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.05E-02	6.37E-03	2.25E-03	4.49E-03	4.49E-03	3.27E-02	5.12E-03		1.43E-02	4.62E-02	ND	ND
	Sweetclover	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	3.66E-04	7.66E-05	2.70E-05	5.39E-05	5.39E-05	3.92E-04	6.14E-05		1.73E-04	5.55E-04	ND	ND
	Sweetclover	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.53E-04	9.47E-05	3.35E-05	6.67E-05	6.67E-05	4.85E-04	7.60E-05		2.13E-04	6.87E-04	ND	ND
	Sweetclover	678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.00E-02	6.26E-03	2.21E-03	4.41E-03	4.41E-03	3.21E-02	5.03E-03		1.41E-02	4.54E-02	ND	ND
	Sweetclover	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1.98E-04	4.13E-05	1.46E-05	2.91E-05	2.91E-05	2.12E-04	3.31E-05		9.28E-05	2.99E-04	ND	ND
	Sweetclover	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.83E-01	3.82E-02	1.35E-02	2.71E-02	2.71E-02	1.96E-01	3.08E-02		8.61E-02	2.78E-01	ND	ND
	Sweetclover	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1.25E-02	2.61E-03	9.22E-04	1.85E-03	1.85E-03	1.34E-02	2.10E-03		5.89E-03	1.90E-02	ND	ND
	Sweetclover	789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.95E-04	6.16E-05	2.17E-05	4.34E-05	4.34E-05	3.15E-04	4.94E-05		1.38E-04	4.46E-04	ND	ND
	Sweetclover	789HXF	1,2,3,7,8,9-Hexachlorodibenzofuran	2.18E-04	4.56E-05	1.61E-05	3.21E-05	3.21E-05	2.34E-04	3.66E-05		1.02E-04	3.30E-04	ND	ND
	Sweetclover	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	5.18E-01	4.87E-02		1.36E-01	2.75E-01	6.63E-02	ND
	Sweetclover	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	5.78E+00	5.44E-01		1.52E+00	2.89E+00	ND	ND
	Sweetclover	234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	3.63E-02	7.58E-03	2.68E-03	5.34E-03	5.34E-03	3.88E-02	6.08E-03		1.70E-02	5.49E-02	ND	ND
	Sweetclover	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	7.99E-02	1.67E-02	5.90E-03	1.18E-02	1.18E-02	8.58E-02	1.35E-02		3.77E-02	1.21E-01	ND	ND
	Sweetclover	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.64E-01	5.52E-02	1.95E-02	3.88E-02	3.88E-02	2.83E-01	4.43E-02		1.24E-01	4.00E-01	ND	ND
	Sweetclover	TCDF	2,3,7,8-Tetrachlorodibenzofuran	2.59E-02	5.40E-03	1.91E-03	3.80E-03	3.80E-03	3.69E-02	4.34E-03		1.21E-02	3.92E-02	ND	ND
	Sweetclover	PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	9.37E-02	1.96E-02	6.91E-03	6.91E-03	2.77E-03	2.36E-04	2.78E-05		7.78E-05	2.51E-04	ND	6.75E-06
	Sweetclover	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2.08E-01	4.35E-02	1.44E-02	1.54E-02	6.14E-03	5.24E-04	6.18E-05		1.73E-04	5.58E-04	ND	1.50E-05
	Sweetclover	AG	Silver	2.00E-02	4.19E-03	1.48E-03	2.95E-03	2.95E-03	9.83E-04	7.40E-05		2.59E-04	8.35E-04	1.80E-02	ND
	Sweetclover	AL	Aluminum	ND	ND	ND	ND	ND	9.14E-01	1.08E-01		2.41E-01	9.70E-01	5.61E-02	1.46E-02
	Sweetclover	AS	Arsenic	1.39E-01	2.90E-02	1.03E-02	2.05E-02	2.05E-02	8.21E-02	1.29E-02		3.62E-02	1.17E-01	2.80E-02	4.67E-03
	Sweetclover	BA	Barium	1.10E+00	2.31E-01	8.15E-02	1.63E-01	1.63E-01	1.45E+00	2.28E-01		6.38E-01	2.05E+00	2.00E-04	ND
	Sweetclover	BE	Beryllium	1.43E-04	2.99E-05	1.06E-05	2.11E-05	2.11E-05	5.25E-05	8.24E-06		2.31E-05	7.44E-05	2.00E-04	ND
	Sweetclover	BAANTR	Benzofurananthracene	ND	ND	ND	ND	ND	8.38E-05	1.31E-05		3.66E-05	1.20E-04	1.00E-05	1.45E-06
	Sweetclover	BKFANT	Benzofurananthracene	ND	ND	ND	ND	ND	7.54E-05	1.18E-05		3.29E-05	1.08E-04	9.00E-06	1.30E-06
	Sweetclover	CD	Cadmium	8.76E-01	1.83E-01	6.46E-02	1.20E-01	1.20E-01	3.68E-02	5.74E-03		1.61E-02	5.18E-02	2.73E-02	4.10E-03
	Sweetclover	CHRY	Chrysene	ND	ND	ND	ND	ND	1.24E-04	1.94E-05		5.42E-05	1.78E-04	1.48E-05	2.14E-06
	Sweetclover	CO	Cobalt	7.92E-04	1.65E-04	5.84E-05	1.17E-04	1.17E-04	4.46E-01	6.71E-02		1.88E-01	7.57E-01	4.79E-03	ND
	Sweetclover	CR	Chromium	1.35E+00	2.81E-01	9.93E-02	1.99E-01	1.99E-01	2.35E-02	2.21E-03		6.18E-03	1.59E-02	3.36E-03	6.30E-01
	Sweetclover	CU	Copper	7.40E-01	1.55E-01	5.46E-02	1.09E-01	1.09E-01	1.40E+00	1.32E-01		3.68E-01	9.51E-01	5.90E-02	7.04E-02
	Sweetclover	FE	Iron	8.42E-01	1.76E-01	6.21E-02	1.24E-01	1.24E-01	2.70E+00	4.24E-01		1.19E+00	3.82E+00	ND	4.73E-02
	Sweetclover	FANT	Fluoranthene	ND	ND	ND	ND	ND	2.91E-04	4.54E-05		1.27E-04	4.16E-04	3.48E-05	5.02E-06
	Sweetclover	HG	Mercury	3.36E-02	7.01E-03	2.48E-03	4.95E-03	4.95E-03	1.36E-02	1.63E-03		4.56E-03	1.47E-02	4.03E-02	1.21E-02
	Sweetclover	MN	Manganese	1.90E-01	3.96E-02	1.40E-02	2.80E-02	2.80E-02	1.88E-01	2.94E-02		8.24E-02	2.65E-01	2.24E-02	ND
	Sweetclover	NI	Nickel	1.51E-01	3.16E-02	1.12E-02	2.23E-02	2.23E-02	2.24E-02	3.51E-03		9.83E-03	3.17E-02	2.54E-03	3.17E-03
	Sweetclover	OCDD	Octachlorodibenzodioxin - nonspecific	8.00E-03	1.67E-03	5.90E-04	1.18E-03	1.18E-03	8.56E-03	1.34E-03		3.75E-03	1.21E-02	ND	ND
	Sweetclover	OCDF	Octachlorodibenzofuran - nonspecific	4.19E-03	8.75E-04	3.09E-04	6.16E-04	6.16E-04	4.48E-03	7.02E-04		1.97E-03	6.34E-03	ND	ND
	Sweetclover	PB	Lead	2.40E-01	1.00E-02	1.77E-02	2.84E-02	2.84E-02	1.40E-01	2.20E-02		6.15E-02	1.98E-01	1.02E-03	8.28E-04
	Sweetclover	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.05E-03	1.63E-04		4.57E-04	1.50E-03	1.25E-04	1.80E-05
	Sweetclover	PYR	Pyrene	ND	ND	ND	ND	ND	1.32E-04	2.06E-05		5.77E-05	1.89E-04	1.58E-05	2.28E-06
	Sweetclover	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	2.61E+00	4.30E-01		1.21E+00	3.89E+00	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Sweetclover	SB	Antimony	ND	ND	ND	ND	ND	9.30E-01	1.46E-01	4.08E-01	1.32E+00	1.00E-01	ND
	Sweetclover	SE	Selenium	3.26E+00	6.80E-01	2.40E-01	4.46E-01	4.46E-01	2.27E+00	2.67E-01	7.47E-01	2.41E+00	3.03E-01	4.36E-03
	Sweetclover	THPCDD	Total heptachlorodibenzo-p-dioxins	1.69E-02	3.52E-03	1.24E-03	2.48E-03	2.48E-03	1.81E+00	2.83E-01	7.92E-01	2.55E+00	ND	ND
	Sweetclover	THPCDF	Total heptachlorodibenzofurans	2.28E-02	4.76E-03	1.68E-03	3.35E-03	3.35E-03	2.44E+00	3.82E-01	1.07E+00	3.45E+00	ND	ND
	Sweetclover	THCDD	Total hexachlorodibenzo-p-dioxins	5.63E-02	1.18E-02	4.16E-03	8.29E-03	8.29E-03	6.03E-01	9.45E-02	2.64E-01	8.53E-01	ND	ND
	Sweetclover	THCDF	Total hexachlorodibenzofurans	1.01E-01	2.11E-02	7.44E-03	1.48E-02	1.48E-02	1.08E+00	1.69E-01	4.73E-01	1.53E+00	ND	ND
	Sweetclover	TPCDD	Total pentachlorodibenzo-p-dioxins	1.83E-01	3.82E-02	1.35E-02	2.71E-02	2.71E-02	3.93E-01	6.15E-02	1.72E-01	5.55E-01	ND	ND
	Sweetclover	TPCDF	Total pentachlorodibenzofurans	1.12E-01	2.34E-02	8.27E-03	1.66E-02	1.66E-02	2.41E-01	3.77E-02	1.06E-01	3.41E-01	ND	ND
	Sweetclover	TTCDD	Total tetrachlorodibenzo-p-dioxins	1.46E-01	3.06E-02	1.08E-02	2.15E-02	2.15E-02	1.57E-01	2.43E-02	6.87E-02	2.22E-01	ND	ND
	Sweetclover	TTCDF	Total tetrachlorodibenzofurans	3.90E-02	8.14E-03	2.87E-03	5.73E-03	5.73E-03	4.17E-02	6.53E-02	1.83E-02	5.90E-02	ND	ND
	Sweetclover	V	Vanadium	ND	ND	ND	ND	ND	4.34E-02	3.23E-03	1.14E-02	3.62E-02	3.10E-02	ND
	Sweetclover	ZN	Zinc	1.65E+00	3.45E-01	1.22E-01	2.44E-01	2.44E-01	3.51E-01	2.64E-02	9.26E-02	2.98E-01	1.28E-01	3.21E-02
	Beetle	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E-02	1.35E-03	1.47E-02	6.24E-04	8.95E-03	ND
ESA-1 (6)	Beetle	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.58E-01	3.05E-03	3.32E-02	1.33E-03	ND	ND
	Beetle	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	2.01E-04	6.43E-06	6.99E-05	4.82E-06	2.40E-05	3.47E-06
	Beetle	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.84E-04	5.89E-06	6.40E-05	4.42E-06	2.20E-05	3.18E-06
	Beetle	CHRY	Chrysene	ND	ND	ND	ND	ND	2.18E-04	6.96E-06	7.57E-05	5.23E-06	2.60E-05	3.76E-06
	Beetle	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.86E-04	1.55E-05	1.69E-04	1.17E-05	5.80E-05	8.38E-06
	Beetle	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.70E-04	1.82E-05	1.98E-04	1.37E-05	6.80E-05	9.83E-06
	Beetle	PYR	Pyrene	ND	ND	ND	ND	ND	2.01E-04	6.43E-06	6.99E-05	4.82E-06	2.40E-05	3.47E-06
	Beetle	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.40E-02	1.15E-03	1.25E-02	8.49E-04	ND	ND
	Grasshopper	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E-02	1.35E-03	1.47E-02	6.24E-04	8.95E-03	ND
	Grasshopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.58E-01	3.05E-03	3.32E-02	1.33E-03	ND	ND
	Grasshopper	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	2.01E-04	6.43E-06	6.99E-05	4.82E-06	2.40E-05	3.47E-06
	Grasshopper	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.84E-04	5.89E-06	6.40E-05	4.42E-06	2.20E-05	3.18E-06
	Grasshopper	CHRY	Chrysene	ND	ND	ND	ND	ND	2.18E-04	6.96E-06	7.57E-05	5.23E-06	2.60E-05	3.76E-06
	Grasshopper	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.86E-04	1.55E-05	1.69E-04	1.17E-05	5.80E-05	8.38E-06
ESA-2	Grasshopper	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.70E-04	1.82E-05	1.98E-04	1.37E-05	6.80E-05	9.83E-06
	Grasshopper	PYR	Pyrene	ND	ND	ND	ND	ND	2.01E-04	6.43E-06	6.99E-05	4.82E-06	2.40E-05	3.47E-06
	Grasshopper	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.40E-02	1.15E-03	1.25E-02	8.49E-04	ND	ND
	Jackrabbit	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E-02	1.35E-03	1.47E-02	6.24E-04	8.95E-03	ND
	Jackrabbit	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.40E-02	1.15E-03	1.25E-02	8.49E-04	ND	ND
	Beetle	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E-02	1.35E-03	1.47E-02	6.24E-04	8.95E-03	ND
	Beetle	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.58E-01	3.05E-03	3.32E-02	1.33E-03	ND	ND
	Beetle	BAANTR	Benzo[a]anthracene	ND	ND	ND	ND	ND	2.01E-04	6.43E-06	6.99E-05	4.82E-06	2.40E-05	3.47E-06
	Beetle	BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	1.84E-04	5.89E-06	6.40E-05	4.42E-06	2.20E-05	3.18E-06
	Beetle	CHRY	Chrysene	ND	ND	ND	ND	ND	2.18E-04	6.96E-06	7.57E-05	5.23E-06	2.60E-05	3.76E-06
	Beetle	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.86E-04	1.55E-05	1.69E-04	1.17E-05	5.80E-05	8.38E-06
	Beetle	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.70E-04	1.82E-05	1.98E-04	1.37E-05	6.80E-05	9.83E-06
	Beetle	PYR	Pyrene	ND	ND	ND	ND	ND	2.01E-04	6.43E-06	6.99E-05	4.82E-06	2.40E-05	3.47E-06
	Beetle	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.40E-02	1.15E-03	1.25E-02	8.49E-04	ND	ND

Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

Great

ESA	Matrix	Analyte Code	Analyte	Passerines	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Klt Fox	Plants	Soil Fauna
ESA-2 (cont.)	Grasshopper	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E-02	3.00E-03	1.84E-02	1.39E-03	8.95E-03	ND
	Grasshopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.58E-01	6.79E-03	4.17E-02	2.96E-03	ND	ND
	Grasshopper	BAANTR	Benzof(a)anthracene	ND	ND	ND	ND	ND	2.01E-04	1.43E-05	8.78E-05	1.07E-05	2.40E-05	3.47E-06
	Grasshopper	BKFANT	Benzof(k)fluoranthene	ND	ND	ND	ND	ND	1.84E-04	1.31E-05	8.04E-05	9.85E-06	2.20E-05	3.18E-06
	Grasshopper	CHRY	Chrysene	ND	ND	ND	ND	ND	2.18E-04	1.55E-05	9.51E-05	1.16E-05	2.60E-05	3.76E-06
	Grasshopper	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.86E-04	3.46E-05	2.12E-04	2.60E-05	5.80E-05	8.38E-06
	Grasshopper	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.70E-04	4.06E-05	2.49E-04	3.04E-05	6.80E-05	9.83E-06
	Grasshopper	PIR	Pyrene	ND	ND	ND	ND	ND	2.01E-04	1.43E-05	8.78E-05	1.07E-05	2.40E-05	3.47E-06
	Grasshopper	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.40E-02	2.56E-03	1.57E-02	1.89E-03	ND	ND
	Jackrabbit	234HXP	2,3,4,6,7,8-Hexachlorodibenzofuran	6.07E+00	4.88E-01	1.29E-02	2.57E-02	2.57E-02	6.50E+00	4.65E-01	2.85E+00	3.44E-01	ND	ND
	Jackrabbit	234PCF	2,3,4,7,8-Pentachlorodibenzofuran	3.03E+01	2.43E+00	6.43E-02	1.29E-01	1.29E-01	3.25E+01	2.33E+00	1.43E+01	1.72E+00	ND	ND
	Jackrabbit	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND
	Jackrabbit	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.12E+00	4.79E-02	2.94E-01	2.09E-02	ND	ND
	Jackrabbit	678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.44E-02	3.57E-03	9.44E-05	1.88E-04	1.88E-04	4.75E-02	3.40E-03	2.08E-02	2.51E-03	ND	ND
	Jackrabbit	678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.07E-01	4.88E-02	1.29E-03	2.57E-03	2.57E-03	6.50E-01	4.65E-02	2.85E-01	3.44E-02	ND	ND
	Jackrabbit	678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.07E+00	4.88E-01	1.29E-02	2.57E-02	2.57E-02	6.50E+00	4.65E-01	2.85E+00	3.44E-01	ND	ND
	Jackrabbit	678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	789HXP	1,2,3,7,8,9-Hexachlorodibenzofuran	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	789HXF	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.07E+00	4.88E-01	1.29E-02	2.57E-02	2.57E-02	6.50E+00	4.65E-01	2.85E+00	3.44E-01	ND	ND
	Jackrabbit	78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Jackrabbit	78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.03E+01	2.43E+00	6.43E-03	1.29E-02	1.29E-02	3.25E+01	2.33E+00	1.43E+01	1.72E+00	ND	ND
	Jackrabbit	78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	3.03E+00	2.43E-01	6.43E-03	1.29E-02	1.29E-02	3.25E+00	2.33E-01	1.43E+00	1.72E-01	ND	ND
	Jackrabbit	AG	Silver	1.03E-01	8.31E-03	2.20E-04	4.38E-04	4.38E-04	5.07E-03	1.74E-04	1.34E-03	1.61E-04	9.28E-02	ND
	Jackrabbit	AL	Aluminum	ND	ND	ND	ND	ND	9.66E-02	5.19E-03	2.55E-02	3.84E-03	5.93E-03	1.55E-03
	Jackrabbit	AS	Arsenic	6.64E-02	5.34E-03	1.41E-04	2.82E-04	2.82E-04	3.93E-02	2.82E-03	1.73E-02	2.08E-03	1.34E-02	2.23E-03
	Jackrabbit	BA	Barium	1.20E+00	9.62E-02	2.54E-03	5.09E-03	5.09E-03	1.57E+00	1.13E-01	6.92E-01	8.31E-02	3.35E-02	ND
	Jackrabbit	BAANTR	Benzof(a)anthracene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	1.75E-05
	Jackrabbit	BE	Beryllium	9.30E-05	7.47E-06	1.98E-07	3.95E-07	3.95E-07	3.41E-05	2.44E-06	1.50E-05	1.81E-06	1.30E-04	ND
	Jackrabbit	BKFANT	Benzof(k)fluoranthene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	1.75E-05
	Jackrabbit	CD	Cadmium	4.78E+00	3.84E-01	1.02E-02	1.89E-02	1.89E-02	2.01E-01	1.43E-02	8.77E-02	1.06E-02	1.49E-01	2.24E-02
	Jackrabbit	CHRY	Chrysene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	1.75E-05
	Jackrabbit	CO	Cobalt	2.16E-05	1.73E-06	4.58E-08	9.17E-08	9.17E-08	1.21E-02	8.34E-04	5.12E-03	7.71E-04	1.31E-04	ND
	Jackrabbit	CR	Chromium	2.66E-01	2.14E-02	5.65E-04	1.13E-03	1.13E-03	4.63E-03	1.99E-04	1.27E-03	1.18E-04	6.64E-04	1.25E-01
	Jackrabbit	CU	Copper	5.02E+00	4.03E-01	1.07E-02	2.13E-02	2.13E-02	9.47E+00	4.07E-01	2.50E+00	2.41E-01	4.00E-01	4.77E-01
	Jackrabbit	FANT	Fluoranthene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	1.75E-05
	Jackrabbit	FE	Iron	8.48E-01	6.81E-02	1.80E-03	3.60E-03	3.60E-03	2.72E+00	1.95E-01	1.60E+00	1.44E-01	ND	4.77E-02
	Jackrabbit	HG	Mercury	3.69E-02	2.96E-03	7.83E-05	1.57E-04	1.57E-04	1.50E-02	8.16E-04	5.01E-03	6.04E-04	4.43E-02	1.33E-02
	Jackrabbit	MN	Manganese	4.54E-03	3.64E-04	9.64E-06	1.93E-05	1.93E-05	4.49E-03	3.21E-04	1.97E-03	2.37E-04	5.36E-04	ND
	Jackrabbit	Ni	Nickel	1.18E-02	9.50E-04	2.51E-05	5.03E-05	5.03E-05	1.75E-03	1.25E-04	7.69E-04	9.28E-05	1.98E-04	2.48E-04

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Final Hazard Quotients for Analytes in Biota - ESA Basis (continued)

ESA	Matrix	Analyte Code	Analyte	Great										Soil Fauna
				American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Jackrabbit	Kit Fox	Plants			
ESA-2 (cont.)	Jackrabbit	OCDD	Octachlorodibenzodioxin - nonspecific	3.44E-02	2.76E-03	7.30E-03	1.46E-04	1.46E-04	3.68E-02	1.61E-02	1.95E-03	ND	ND	
	Jackrabbit	OCDF	Octachlorodibenzofuran - nonspecific	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	2.85E-02	3.44E-03	ND	ND	
	Jackrabbit	PB	Lead	6.49E+01	1.04E+00	1.38E-01	2.21E-01	2.21E-01	3.79E+01	2.71E+00	2.00E+00	2.74E-01	2.24E-01	
	Jackrabbit	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	
	Jackrabbit	PPDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	2.85E-01	2.29E-02	6.06E-04	6.06E-04	2.42E-04	7.18E-04	3.86E-05	2.37E-04	2.86E-05	2.06E-05	
	Jackrabbit	PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	1.28E+00	1.03E-01	2.72E-03	2.72E-03	1.09E-03	3.22E-03	1.73E-04	1.06E-03	1.28E-04	9.21E-05	
	Jackrabbit	PYR	Pyrene	ND	ND	ND	ND	ND	1.02E-03	7.23E-05	4.44E-04	5.43E-05	1.21E-04	
	Jackrabbit	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	ND	ND	
	Jackrabbit	SB	Antimony	ND	ND	ND	ND	ND	4.64E-01	2.85E+00	3.43E-01	6.97E-01	ND	
	Jackrabbit	SE	Selenium	4.48E+00	3.60E-01	9.53E-03	1.77E-02	1.77E-02	3.12E+00	1.03E-01	1.24E-02	4.20E-01	6.00E-03	
	Jackrabbit	TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2.19E-01	1.76E-02	4.65E-04	9.26E-04	9.26E-04	2.34E-01	1.67E-02	1.03E-01	1.24E-02	ND	
	Jackrabbit	TCDF	2,3,7,8-Tetrachlorodibenzofuran	9.37E-03	7.53E-04	1.99E-05	3.97E-05	3.97E-05	1.34E-02	7.18E-04	4.40E-03	5.31E-04	ND	
	Jackrabbit	THCDD	Total hexachlorodibenzo-p-dioxins	6.07E+00	4.88E-01	1.29E-02	2.57E-02	2.57E-02	6.50E+01	4.65E+00	2.85E+01	3.44E+00	ND	
	Jackrabbit	THCDF	Total hexachlorodibenzofurans	6.07E+00	4.88E-01	1.29E-02	2.57E-02	2.57E-02	6.50E+01	4.65E+00	2.85E+01	3.44E+00	ND	
	Jackrabbit	THPCDD	Total heptachlorodibenzo-p-dioxins	4.44E-02	3.57E-03	9.44E-05	1.88E-04	1.88E-04	4.75E+00	3.40E-01	2.08E+00	2.51E-01	ND	
	Jackrabbit	THPCDF	Total heptachlorodibenzofurans	6.07E-01	4.88E-02	1.29E-03	2.57E-03	2.57E-03	6.50E+01	4.65E+00	2.85E+01	3.44E+00	ND	
	Jackrabbit	TPCDD	Total pentachlorodibenzo-p-dioxins	3.03E+01	2.43E+00	6.43E-02	1.29E-01	1.29E-01	6.50E+01	4.65E+00	2.85E+01	3.44E+00	ND	
	Jackrabbit	TPCDF	Total pentachlorodibenzofurans	3.03E+01	2.43E+00	6.43E-02	1.29E-01	1.29E-01	6.50E+01	4.65E+00	2.85E+01	3.44E+00	ND	
	Jackrabbit	TTCCDD	Total tetrachlorodibenzo-p-dioxins	2.19E-01	1.76E-02	4.65E-04	9.26E-04	9.26E-04	2.34E-01	1.67E-02	1.03E-01	1.24E-02	ND	
	Jackrabbit	TTCDF	Total tetrachlorodibenzofurans	9.37E-03	7.53E-04	1.99E-05	3.97E-05	3.97E-05	1.00E-02	7.18E-04	4.40E-03	5.31E-04	ND	
	Jackrabbit	V	Vanadium	ND	ND	ND	ND	ND	1.94E-02	6.61E-04	5.12E-03	6.06E-04	1.39E-02	
	Jackrabbit	ZN	Zinc	2.65E+01	2.13E+00	5.64E-02	1.13E-01	1.13E-01	5.65E+00	1.94E-01	1.49E+00	2.07E+00	5.16E-01	
RSA	Beetle	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E-02	1.84E-02	3.71E-02	8.95E-03	ND	
	Beetle	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.58E-01	4.17E-02	7.90E-02	2.40E-05	3.47E-06	
	Beetle	BAANTR	Benzo(a)anthracene	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.20E-05	3.18E-06	
	Beetle	BKEFANT	Benzo(k)fluoranthene	ND	ND	ND	ND	ND	1.84E-04	2.87E-05	8.04E-05	2.63E-04	2.20E-05	
	Beetle	CHRY	Chrysene	ND	ND	ND	ND	ND	2.18E-04	3.40E-05	9.51E-05	3.11E-04	2.60E-05	
	Beetle	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.66E-04	7.57E-05	2.12E-04	6.94E-04	5.80E-05	
	Beetle	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.70E-04	8.88E-05	2.49E-04	8.14E-04	6.80E-05	
	Beetle	PYR	Pyrene	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.87E-04	2.40E-05	
	Beetle	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.40E-02	5.60E-03	1.57E-02	5.06E-02	ND	
	Grasshopper	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E-02	1.84E-02	3.71E-02	8.95E-03	ND	
	Grasshopper	24D	2,4-D / 2,4-Dichlorophenoxyacetic acid	ND	ND	ND	ND	ND	1.58E-01	4.17E-02	7.90E-02	2.40E-05	3.47E-06	
	Grasshopper	BAANTR	Benzo(a)anthracene	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.20E-05	3.18E-06	
	Grasshopper	BKEFANT	Benzo(k)fluoranthene	ND	ND	ND	ND	ND	1.84E-04	2.87E-05	8.04E-05	2.63E-04	2.20E-05	
	Grasshopper	CHRY	Chrysene	ND	ND	ND	ND	ND	2.18E-04	3.40E-05	9.51E-05	3.11E-04	2.60E-05	
	Grasshopper	FANT	Fluoranthene	ND	ND	ND	ND	ND	4.86E-04	7.57E-05	2.12E-04	6.94E-04	5.80E-05	
	Grasshopper	PHANTR	Phenanthrene	ND	ND	ND	ND	ND	5.70E-04	8.88E-05	2.49E-04	8.14E-04	6.80E-05	
	Grasshopper	PYR	Pyrene	ND	ND	ND	ND	ND	2.01E-04	3.13E-05	8.78E-05	2.87E-04	2.40E-05	
	Grasshopper	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	3.40E-02	5.60E-03	1.57E-02	5.06E-02	ND	
	Grasshopper	246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	6.99E+00	0.00E+00	0.00E+00	0.00E+00	ND	
	Grasshopper	RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	ND	

*No toxicity data.

†Italics indicate that the hazard quotients represent modeled or calculated data, or data based on 1/2 the method detection limit.

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - TEAD Current Data

Receptor Group	Passerines Pathway	RSA	SWMU												
			1b	1c	10	11	12	15	21	37	42	45			
135TNB	HQ_DIET	ND ⁽⁶⁾	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.056	0.062	0.062	0.057	0.057	0.053	0.054	0.032	0.058	0.054	0.054	0.054	0.054	0.054
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.010	0.023	0.023	0.023	0.023	0.023	0.023
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	0.124	0.109	0.189	0.301	0.290	0.347	0.372	0.144	0.196	0.385	0.385	0.385	0.385	0.348
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.436	0.165	0.265	0.207	0.488	0.620	3.435	0.098	0.194	1.152	1.152	1.152	1.152	1.697
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.001	0.001	0.001	0.005	0.004	0.022	0.000	0.028	0.001	0.001	0.001	0.001	0.203
BA	HQ_DIET	0.604	0.884	0.871	0.440	0.735	0.585	0.684	1.112	0.585	4.717	4.717	4.717	4.717	0.489
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	0.000	ND	ND	ND	ND	ND	0.001
	HQ_SOIL	0.600	1.265	0.984	0.368	1.073	0.910	1.717	1.215	0.448	2.986	2.986	2.986	2.986	1.057
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.004	0.005	0.002	0.002	0.002	0.002	0.001	0.002	0.004	0.004	0.004	0.004	0.006
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.005	0.011	0.011	0.011	0.011	0.011	0.718
CD	HQ_DIET	2.596	12.064	5.354	1.763	2.551	1.623	11.443	13.307	3.762	5.173	5.173	5.173	5.173	5.321
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.662	5.587	0.662	0.662	2.363	0.662	6.625	9.201	0.662	7.389	7.389	7.389	7.389	5.320
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.003	0.003	0.003	0.003	0.025	0.003	0.001	0.003	0.003	0.003	0.003	0.003	0.179
CO	HQ_DIET	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.003	0.004	0.001	0.001	0.001	0.013	0.001	0.002	0.007	0.007	0.007	0.007	0.005
CR_CRHEX	HQ_DIET	2.040	1.422	1.351	1.333	1.182	0.876	1.140	1.261	1.374	1.561	1.561	1.561	1.561	1.791
	HQ_SURFWATR	ND	ND	ND	ND	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	6.819	8.060	8.281	3.649	13.691	6.459	27.162	4.048	4.742	7.686	7.686	7.686	7.686	35.662

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - TEAD Current Data (continued)

Receptor Group	Passerines Pathway	RSA	SWMU												42	45
			1b	1c	10	11	12	15	21	37						
CU	HQ_DIET	0.957	1.283	1.138	1.368	2.441	1.009	10.995	2.352	1.401	1.725	1.692				
	HQ_SURFWATR	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	0.225	0.222	0.160	0.078	1.999	0.160	49.316	2.347	0.119	1.313	1.191				
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
DDT_R	HQ_DIET	1.253	1.245	2.008	1.448	2.869	0.856	4.069	1.319	1.736	2.150	1.521				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	0.041	0.032	0.032	0.032	0.032	0.032	0.621	0.013	0.032	0.049	1.070				
DIOXIN_FURAN	HQ_DIET	10.617	52.579	52.801	61.026	61.564	53.533	54.105	23.851	57.379	52.962	1.024				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	8.202	2.089	2.041	2.370	1.397	1.573	4.194	1.472	4.537	3.565	9.743				
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	0.246	0.308	0.239	0.239	0.239	0.865	0.239	0.100	0.239	0.239	5.003				
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	0.004	0.001	0.001	0.001	0.001	0.001	0.004	0.000	0.010	0.001	0.008				
FE	HQ_DIET	2.203	1.789	1.807	1.618	1.216	0.886	1.138	1.018	1.451	1.425	1.682				
	HQ_SURFWATR	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	0.000				
	HQ_SOIL	19.604	23.187	27.051	12.017	88.146	11.281	67.720	7.821	15.035	11.983	31.857				
HG	HQ_DIET	0.033	0.032	0.030	0.035	0.037	0.027	0.077	0.025	0.030	0.040	0.038				
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	0.010	0.007	0.007	0.016	0.023	0.007	0.244	0.007	0.007	0.027	0.044				
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
LIN	HQ_DIET	0.004	0.004	0.004	0.004	0.004	0.004	0.019	0.002	0.004	0.004	0.042				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
MN	HQ_DIET	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.012				
	HQ_SURFWATR	0.227	0.261	0.297	0.159	0.109	0.100	0.095	0.079	0.117	0.146	0.174				
	HQ_SOIL	ND	ND	ND	0.200	0.001	0.275	0.534	0.154	0.243	0.317	0.648				
NB	HQ_DIET	0.422	0.508	0.483	0.200	0.576	0.275	0.534	0.154	0.243	0.317	0.648				
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - TEAD Current Data (continued)

Receptor Group	Passerines Pathway	RSA	SWMU												42	37	21	15	12	11	10	1c	1b	45
			1c	1b	1a	1d	1e	1f	1g	1h	1i	1j	1k	1l										
NI	HQ DIET	0.166	0.149	0.091	0.066	0.069	0.114	0.098	0.067	0.176	0.160	0.143												
	HQ SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND												
	HQ SOIL	0.248	0.232	0.208	0.129	0.880	0.115	0.293	0.140	0.158	0.488	0.369												
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
PB	HQ DIET	ND	1.320	ND	0.639	118.245	5.899	10.690	23.128	1.835	39.392	20.903												
	HQ SURFWATR	3.565	ND	2.217	ND	0.002	ND	ND	ND	ND	ND	ND												
	HQ SOIL	ND	0.856	1.416	0.184	74.243	3.509	11.087	17.241	0.401	29.104	19.725												
PCB_S	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	0.351	0.351	0.351	0.351	0.351	0.351	0.351	0.146	0.351	0.351	3.517												
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	0.229	0.142	0.142	0.142	0.142	0.142	0.142	0.059	0.142	0.142	6.659												
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
SE	HQ DIET	3.350	2.643	2.643	2.829	2.826	2.890	3.947	2.105	3.467	3.510	2.711												
	HQ SURFWATR	ND	ND	ND	ND	0.013	ND	ND	ND	ND	ND	ND												
	HQ SOIL	0.248	0.248	0.248	0.248	0.248	0.248	0.809	0.103	0.248	0.534	0.248												
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	49.233	49.233	49.233	49.233	49.233	49.233	49.233	20.514	49.233	49.233	49.233												
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND												

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - TEAD Current Data (continued)

Receptor Group	Passerines Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
ZN	HQ_DIET	7.303	9.152	6.476	7.721	53.765	9.713	28.155	8.303	6.773	6.932	8.620
	HQ_SURFWATR	ND	ND	ND	ND	0.021	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.277	2.655	1.223	0.625	22.408	1.401	15.789	5.449	1.092	2.308	9.647

*No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel - TEAD Current Data

Receptor Group	American Kestrel Pathway	RSA	SWMU											
			1b	1c	10	11	12	15	21	37	42	45		
135TNTB	HQ_DIET	ND ⁽⁶⁾	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AG	HQ_DIET	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AS	HQ_DIET	0.02	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.00	0.00	0.01	0.01	
	HQ_SURFWATR	ND	ND	ND	0.00	ND	ND	ND	ND	ND	ND	ND	0.00	
	HQ_SOIL	0.02	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ_SOIL	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.05	0.01	0.00	
BA	HQ_DIET	0.09	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ_SURFWATR	ND	ND	ND	0.00	0.00	ND	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ_SOIL	0.03	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.00	
BE	HQ_DIET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00	0.00	
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BZALC	HQ_DIET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CD	HQ_DIET	0.46	0.06	0.07	0.01	0.01	0.09	0.20	0.00	0.00	0.00	0.19	0.08	
	HQ_SURFWATR	ND	ND	ND	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.06	0.01	
	HQ_SOIL	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CO	HQ_DIET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CR_CRHEX	HQ_DIET	0.46	0.02	0.00	0.00	0.00	0.04	0.05	0.00	0.00	0.00	0.04	0.04	
	HQ_SURFWATR	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.39	0.00	0.04	0.00	0.01	0.02	0.32	0.00	0.00	0.00	0.07	0.04	

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel -TEAD Current Data (continued)

Receptor Group	American Kestrel Pathway	SWMU										45
		RSA	1b	1c	10	11	12	15	21	37	42	
CU	HQ DIET	0.21	0.02	0.02	0.01	0.01	0.06	0.72	0.00	0.00	0.07	0.05
	HQ SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.01	0.00
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	0.07	0.00	0.01	0.00	0.00	0.01	0.18	0.00	0.00	0.05	0.04
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
DIOXIN_FURAN	HQ DIET	3.11	0.04	1.38	0.19	0.26	1.14	3.57	0.01	0.05	2.50	0.02
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.46	0.00	0.01	0.00	0.00	0.01	0.05	0.00	0.00	0.03	0.01
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FE	HQ DIET	0.49	0.02	0.03	0.00	0.00	0.04	0.05	0.00	0.00	0.04	0.03
	HQ SURFWATR	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND
	HQ SOIL	1.11	0.00	0.13	0.01	0.06	0.04	0.81	0.00	0.00	0.10	0.04
HG	HQ DIET	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HQ SURFWATR	ND	ND	ND	ND	0.00	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel -TEAD Current Data (continued)

Receptor Group	American Kestrel Pathway	RSA	SWMU												45
			1b	1c	10	11	12	15	21	37	42				
NI	HQ DIET	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ SURFWATR	ND	ND	ND	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
NNDPA	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PB	HQ SOIL	0.21	0.00	0.01	0.00	0.09	0.02	0.14	0.00	0.00	0.00	0.33	0.03	0.03	
	HQ DIET	ND	ND	ND	0.00	ND	0.00	ND	ND	ND	ND	ND	0.00	0.00	
	HQ SURFWATR	0.01	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.05	0.00	0.00	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PCB_s	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHENOL	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHTLAT	HQ SOIL	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SE	HQ SOIL	0.70	0.01	0.05	0.01	0.01	0.08	0.21	0.00	0.00	0.00	0.13	0.04	0.04	
	HQ DIET	ND	ND	ND	ND	0.01	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	2.79	0.01	0.23	0.02	0.04	0.18	0.59	0.00	0.01	0.01	0.42	0.06	0.06	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TPHC	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
V	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

<i>Exposure Pathway Hazard Quotients (HQs) for the American Kestrel -TEAD Current Data (continued)</i>													
Receptor	American Kestrel	SWMU											
Group	Pathway	RSA	1b	1c	10	11	12	15	21	37	42	45	
ZN	HQ DIET	1.93	0.11	0.12	0.03	0.22	0.48	1.47	0.01	0.01	0.29	0.28	
	HQ SURFWATR	ND	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.07	0.00	0.01	0.00	0.02	0.01	0.19	0.00	0.00	0.02	0.01	

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - TEAD Current Data

Receptor Group	Great Horned Owl Pathway	RSA	SWMU											
			1b	1c	10	11	12	15	21	37	42	45		
135TNB	HQ_DIET	ND ⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AG	HQ_DIET	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AS	HQ_DIET	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
BA	HQ_DIET	0.053	0.000	0.001	0.000	0.000	0.000	0.002	0.000	0.000	0.002	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.001	0.000	0.001	0.000	0.000	
	HQ_SOIL	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CD	HQ_DIET	0.067	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.006	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.013	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.002	0.000	0.000	
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CO	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CR_CRHEX	HQ_DIET	0.168	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.137	0.000	0.001	0.000	0.001	0.009	0.000	0.000	0.000	0.002	0.001	0.001	

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - TEAD Current Data (continued)

Receptor Group	Great Horned Owl Pathway	SWMU										45
		RSA	1b	1c	10	11	12	15	21	37	42	
CU	HQ DIET	0.025	0.000	0.000	0.000	0.000	0.000	0.035	0.000	0.000	0.002	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.000	0.000
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	0.030	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.001	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ DIET	0.119	0.002	0.073	0.007	0.011	0.055	0.183	0.000	0.003	0.131	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.165	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FE	HQ DIET	0.154	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.395	0.000	0.003	0.000	0.002	0.001	0.021	0.000	0.000	0.003	0.001
HG	HQ DIET	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MN	HQ DIET	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - TEAD Current Data (continued)

Receptor		Great Horned Owl										SWMU						
Group	Pathway	RSA	1b	1c	10	11	12	15	21	37	42	45						
NI	HQ_DIET	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
PB	HQ_DIET	0.737	0.000	0.002	0.000	0.025	0.006	0.036	0.000	0.000	0.086	0.007						
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000						
	HQ_SOIL	0.026	0.000	0.000	0.000	0.001	0.000	0.003	0.000	0.000	0.007	0.001						
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000						
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
SE	HQ_DIET	0.370	0.000	0.002	0.000	0.000	0.001	0.008	0.000	0.000	0.005	0.000						
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	0.993	0.000	0.006	0.001	0.001	0.005	0.016	0.000	0.000	0.011	0.002						
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - TEAD Current Data (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
ZN	HQ DIET	0.412	0.000	0.000	0.000	0.010	0.003	0.055	0.000	0.000	0.001	0.001
	HQ SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.026	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.001	0.000

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - TEAD Current Data

Receptor Group	Golden Eagle Pathway	RSA	SWMU												42	45
			1b	1c	10	11	12	15	21	37	42	45	45	45		
135TNB	HQ_DIET	ND ⁶	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.018	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BA	HQ_DIET	0.106	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.024	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.124	0.000	0.001	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CO	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.336	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.000	0.002	0.000	0.001	0.001	0.017	0.000	0.000	0.003	0.003	0.000	0.003	0.002	0.002

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - TEAD Current Data (continued)

Receptor Group	Golden Eagle Pathway	RSA	SWMU												42	45
			1b	1c	10	11	12	15	21	37	42	45	45	45		
CU	HQ DIET	0.049	0.000	0.000	0.000	0.000	0.000	0.070	0.000	0.000	0.003	0.000	0.000	0.000	ND	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.001	0.000	0.000	0.000	ND	0.000
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	0.030	0.000	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ DIET	0.238	0.004	0.146	0.015	0.022	0.109	0.366	0.001	0.005	0.263	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.331	0.000	0.001	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.001
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ DIET	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FE	HQ DIET	0.309	0.000	0.001	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.001
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.791	0.000	0.007	0.000	0.003	0.002	0.043	0.000	0.000	0.005	0.000	0.000	0.000	0.002	0.002
HG	HQ DIET	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SOIL	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - TEAD Current Data (continued)

Receptor Group	Golden Eagle Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
NI	HQ DIET	0.003	0.000	0.000	0.000	0.000	0.000	ND	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ DIET	1.181	0.000	0.002	0.000	0.040	0.009	0.037	0.000	0.000	0.137	0.011
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.042	0.000	0.000	0.000	0.002	0.001	0.006	0.000	0.000	0.011	0.001
PCB_S	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	0.688	0.000	0.004	0.000	0.001	0.003	0.016	0.000	0.000	0.009	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	2.482	0.000	0.016	0.002	0.002	0.012	0.039	0.000	0.001	0.028	0.004
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - TEAD Current Data (continued)

Receptor Group	Golden Eagle Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
ZN	HQ DIET	0.824	0.000	0.001	0.000	0.020	0.006	0.111	0.000	0.000	0.002	0.001
	HQ SURFWATR	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.052	0.000	0.000	0.000	0.001	0.000	0.010	0.000	0.000	0.001	0.001

*No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - TEAD Current Data

Receptor Group	Bald Eagle Pathway	RSA	SWMU										
			1b	1c	10	11	12	15	21	37	42	45	
135TNB	HQ_DIET	ND ⁶	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.018	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BA	HQ_DIET	0.106	0.000	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.000	0.005	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	0.000	0.000	0.000
	HQ_SOIL	0.024	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.124	0.000	0.001	0.000	0.000	0.001	0.012	0.000	0.000	0.000	0.011	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.003	0.000	0.000
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CO	HQ_DIET	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CR_CRHEX	HQ_DIET	0.336	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.000	0.002	0.000	0.001	0.001	0.017	0.000	0.000	0.003	0.002	0.002

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - TEAD Current Data (continued)

Receptor Group	Pathway	SWMU										42	45
		RSA	1b	1c	10	11	12	15	21	37			
CU	HQ_DIET	0.049	0.000	0.000	0.000	0.000	0.000	0.070	0.000	0.000	0.003	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.001	0.000	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	0.012	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	0.238	0.004	0.146	0.015	0.022	0.109	0.366	0.001	0.005	0.263	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	0.000	0.001	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.001	0.001
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FE	HQ_DIET	0.309	0.000	0.001	0.000	0.000	0.001	0.002	0.000	0.000	0.001	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.002	0.002	0.043	0.000	0.000	0.000	0.000	0.000
	HQ_SOIL	0.791	0.000	0.007	0.000	0.003	0.002	0.000	0.000	0.000	0.005	0.002	0.002
HG	HQ_DIET	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MIN	HQ_DIET	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - TEAD Current Data (continued)

Receptor Group	Bald Eagle Pathway	RSA	SWMU												42	45
			1b	1c	10	11	12	15	21	37	42	45	45	45		
NI	HQ DIET	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ DIET	1.181	0.000	0.002	0.000	0.040	0.009	0.057	0.000	0.000	0.137	0.011	0.011	0.011	0.011	0.011
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.042	0.000	0.000	0.000	0.002	0.001	0.006	0.000	0.000	0.011	0.001	0.001	0.001	0.001	0.001
PCB_s	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RDX	HQ DIET	0.009	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	0.688	0.000	0.004	0.000	0.001	0.003	0.016	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	2.482	0.000	0.016	0.002	0.002	0.012	0.039	0.000	0.001	0.028	0.004	0.004	0.004	0.004	0.004
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - TEAD Current Data (continued)

Receptor Group	SWMU										
	Bald Eagle	1a	1b	1c	10	11	12	15	21	37	45
ZN	Pathway	RSA	0.824	0.001	0.000	0.020	0.006	0.111	0.000	0.000	0.001
	HQ DIET										
	HQ SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND
	HQ SOIL	0.052	0.000	0.000	0.000	0.001	0.000	0.010	0.000	0.000	0.001

*No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - TEAD Current Data

Receptor Group	Pathway	Deer Mouse **												SWMU											
		RSA	1b	1c	10	11	12	15	21	37	42	45													
135TNB	HQ_DIET	ND ⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL		ND	ND																					
	HQ_DIET	11.624	8.758	9.195	23.285	8.963	2.704	9.279	3.994	6.055	5.590	7.692													
	HQ_SOIL	0.089	0.084	0.089	0.089	0.089	0.089	0.089	0.021	0.089	0.089	0.089													
246TNT	HQ_DIET	1.616	0.895	0.939	0.939	0.939	0.730	0.854	0.224	0.854	0.854	1.211													
	HQ_SOIL		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001													
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000													
24D	HQ_DIET	2.720	2.885	2.591	2.289	1.600	0.733	1.319	1.259	1.843	1.769	1.521													
	HQ_SOIL	4.798	5.615	6.267	2.119	1.970	2.587	3.962	1.003	2.597	2.899	7.753													
	HQ_DIET	0.083	0.075	0.148	0.247	0.238	0.289	0.310	0.112	0.155	0.322	0.289													
	HQ_SOIL	0.059	0.021	0.036	0.028	0.066	0.084	0.467	0.008	0.026	0.157	0.231													
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.001	0.001	0.001	0.001	0.003	0.002	0.013	0.000	0.017	0.001	0.126													
	HQ_DIET	0.723	0.966	0.899	0.559	0.547	0.388	0.438	0.989	0.823	7.473	0.776													
	HQ_SOIL	0.181	0.364	0.297	0.111	0.324	0.275	0.519	0.210	0.135	0.902	0.319													
BA	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000													
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000													
	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000													
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000													
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	0.001	0.001	0.001	0.001	0.003	0.002	0.013	0.000	0.017	0.001	0.126													
	HQ_SOIL	0.001	0.966	0.899	0.559	0.547	0.388	0.438	0.989	0.823	7.473	0.776													
BZALC	HQ_DIET	0.723	0.966	0.899	0.559	0.547	0.388	0.438	0.989	0.823	7.473	0.776													
	HQ_SOIL	0.181	0.364	0.297	0.111	0.324	0.275	0.519	0.210	0.135	0.902	0.319													
	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000													
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000													
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004													
	HQ_SOIL	0.145	0.608	0.315	0.089	0.082	0.080	0.608	0.457	0.215	0.174	0.298													
CLDN	HQ_DIET	0.006	0.051	0.006	0.006	0.023	0.006	0.064	0.051	0.006	0.071	0.051													
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	0.001	0.001	0.001	0.001	0.001	0.010	0.001	0.000	0.001	0.001	0.058													
	HQ_SOIL	0.487	0.559	0.570	0.381	0.310	0.357	0.346	0.263	0.388	0.668	0.414													
CO	HQ_DIET	0.647	0.398	0.566	0.138	0.138	0.138	1.693	0.105	0.323	0.875	0.605													
	HQ_SOIL	0.034	0.034	0.033	0.033	0.029	0.021	0.028	0.024	0.034	0.039	0.028													
	HQ_DIET	0.027	0.031	0.033	0.015	0.055	0.026	0.109	0.009	0.019	0.031	0.143													
	HQ_SOIL	2.400	3.234	2.962	3.773	3.542	2.593	2.853	3.872	3.800	3.196	2.828													
CR_CRHEX	HQ_DIET	0.098	0.092	0.069	0.034	0.868	0.069	21.429	0.583	0.052	0.571	0.517													
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.021													
	HQ_SOIL	0.004	0.004	0.007	0.005	0.010	0.002	0.006	0.004	0.006	0.007	0.005													
CU	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001													

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - TEAD Current Data (continued)

Receptor Group	Deer Mouse ** Pathway	RSA	SWMU										42	45
			1a	1b	1c	10	11	12	15	21	37	42		
FE	HQ_DIET	7.285	7.073	7.339	6.430	4.493	2.908	4.119	3.382	5.626	5.502	4.598		
	HQ_SOIL	14.466	16.295	19.961	8.867	65.044	8.324	49.971	3.298	11.094	8.842	23.507		
	HQ_DIET	0.012	0.017	0.015	0.017	0.014	0.014	0.014	0.013	0.016	0.018	0.018		
HG	HQ_SOIL	0.001	0.001	0.001	0.001	0.002	0.001	0.023	0.000	0.001	0.002	0.004		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.001	0.004	0.004	0.004		
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
H_HE	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
MN	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	0.308	0.372	0.439	0.234	0.160	0.146	0.138	0.090	0.171	0.214	0.231		
	HQ_SOIL	0.096	0.110	0.110	0.045	0.131	0.063	0.122	0.020	0.055	0.072	0.147		
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.003	0.013	0.013	0.013		
	HQ_DIET	0.035	0.019	0.032	0.014	0.015	0.024	0.021	0.011	0.038	0.035	0.027		
NI	HQ_SOIL	0.008	0.007	0.009	0.004	0.030	0.004	0.010	0.003	0.005	0.017	0.013		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
NNDPA	HQ_DIET	0.003	0.002	0.003	0.003	0.005	0.003	0.015	0.001	0.017	0.016	0.007		
	HQ_SOIL	0.026	0.024	0.025	0.025	0.025	0.117	15.517	0.006	0.125	0.031	1.249		
	HQ_DIET	0.236	0.232	0.183	0.303	0.266	0.281	0.374	4.695	1.201	4.637	0.543		
PB	HQ_SOIL	0.175	0.181	0.115	0.025	0.985	0.472	1.491	1.325	0.054	3.914	2.653		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.001	0.006	0.006	0.062		
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001		
	HQ_DIET	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.025		
PHENOL	HQ_SOIL	10.151	13.871	14.565	1434.874	13.901	8.918	9.450	3.468	9.450	9.587	14.941		
	HQ_DIET	0.081	0.077	0.081	0.081	0.081	0.081	0.081	0.019	0.081	0.081	0.081		
	HQ_SOIL	0.435	0.358	0.366	0.460	0.461	0.523	0.450	0.617	0.367	0.816	0.602		
PHTLAT	HQ_DIET	0.022	0.021	0.022	0.022	0.686	0.062	0.440	0.259	0.022	9.227	0.068		
	HQ_SOIL	1.772	1.292	1.350	1.531	1.528	1.595	1.630	1.440	2.199	1.675	2.372		
	HQ_DIET	0.040	0.038	0.040	0.040	0.040	0.040	0.130	0.009	0.040	0.086	0.040		
RDX	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	5.061	4.820	5.061	5.061	5.061	5.061	5.061	1.205	5.061	5.061	5.061		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SE	HQ_SOIL	0.127	0.133	0.083	0.112	0.057	0.047	0.058	0.044	0.086	0.096	0.084		
	HQ_DIET	0.224	0.304	0.373	0.154	0.132	0.155	0.214	0.053	0.185	0.215	0.372		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TPHC	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - TEAD Current Data (continued)

Receptor Group	Deer Mouse ** Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
ZN	HQ DIET	1.745	2.703	1.986	2.068	1.864	2.147	3.937	1.990	2.086	2.093	2.136
	HQ SOIL	0.063	0.124	0.060	0.031	1.098	0.069	0.773	0.153	0.054	0.113	0.473

**Deer mouse obtains daily water requirement from diet not surface water ingestion.

*No toxicity or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - TEAD Current Data

Receptor Group	Mule Deer Pathway	RSA	SWMU											
			1b	1c	10	11	12	15	21	37	42	45		
135TNB	HQ_DIET	ND ⁶	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
246TNT	HQ_DIET	2.181	0.004	0.172	0.044	0.025	0.038	0.435	0.002	0.004	0.188	0.036		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.007	0.000	0.001	0.000	0.001	0.001	0.002	0.000	0.000	0.001	0.000	0.000	
24D	HQ_DIET	0.289	0.000	0.016	0.002	0.002	0.009	0.036	0.000	0.001	0.026	0.005		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AG	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
AL	HQ_DIET	0.304	0.001	0.033	0.004	0.003	0.006	0.053	0.000	0.001	0.043	0.005		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.480	0.001	0.063	0.002	0.003	0.019	0.099	0.000	0.001	0.052	0.019		
AS	HQ_DIET	0.013	0.000	0.004	0.000	0.000	0.002	0.007	0.000	0.000	0.006	0.001	0.001	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.008	0.000	0.000	0.000	0.000	0.001	0.016	0.000	0.000	0.004	0.001	0.001	
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
BA	HQ_DIET	0.193	0.000	0.017	0.001	0.002	0.007	0.026	0.001	0.001	0.413	0.005		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.024	0.000	0.004	0.000	0.001	0.003	0.017	0.000	0.000	0.022	0.001	0.001	
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CD	HQ_DIET	0.022	0.000	0.006	0.000	0.000	0.001	0.043	0.000	0.000	0.005	0.002		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.002	0.000	0.000	
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
CO	HQ_DIET	0.054	0.000	0.007	0.001	0.000	0.004	0.012	0.000	0.000	0.025	0.002		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.083	0.000	0.007	0.000	0.000	0.001	0.034	0.000	0.000	0.020	0.002	0.002	
CR_CRHEX	HQ_DIET	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - TEAD Current Data (continued)

Receptor Group	Mule Deer Pathway	SWMU										45
		RSA	1b	1c	10	11	12	15	21	37	42	
CU	HQ_DIET	0.152	0.000	0.013	0.002	0.002	0.010	0.044	0.000	0.001	0.035	0.003
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
DCB	HQ_SOIL	0.008	0.000	0.001	0.000	0.001	0.000	0.429	0.000	0.000	0.008	0.001
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_SOIL	1.145	0.005	0.172	0.006	0.018	0.020	0.518	0.009	0.062	0.168	0.017
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_SURFWATR	0.270	0.000	0.007	0.001	0.001	0.004	0.034	0.000	0.001	0.021	0.008
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.015	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.009	0.000
FE	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.976	0.003	0.120	0.013	0.010	0.028	0.189	0.001	0.004	0.164	0.016
HG	HQ_SURFWATR	ND	ND	ND	ND	0.045	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.930	0.006	0.266	0.012	0.130	0.083	1.666	0.001	0.005	0.212	0.078
HMX	HQ_DIET	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
H_HE	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_SURFWATR	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.074	0.000	0.011	0.001	0.001	0.002	0.007	0.000	0.000	0.009	0.001
NB	HQ_SOIL	ND	ND	ND	ND	0.000	0.001	0.004	0.000	0.000	0.002	0.000
	HQ_DIET	0.013	0.000	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - TEAD Current Data (continued)

Receptor Group	Mule Deer Pathway	RSA	SWMU											
			1b	1c	10	11	12	15	21	37	42	45		
NI	HQ_DIET	0.007	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
PAH	HQ_DIET	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	0.051	0.001	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.003	0.000	0.000	0.000	0.001	0.001	0.514	0.000	0.000	0.001	0.004	0.004	
PB	HQ_DIET	0.052	0.000	0.003	0.001	0.001	0.004	0.022	0.003	0.000	0.244	0.002	0.002	
	HQ_SURFWATR	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	0.000	
	HQ_SOIL	0.023	0.000	0.002	0.000	0.020	0.005	0.050	0.000	0.000	0.094	0.009	0.009	
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
RDX	HQ_DIET	3.337	0.012	0.479	4.725	0.069	0.220	0.777	0.003	0.011	0.567	0.123	0.123	
	HQ_SURFWATR	ND	ND	ND	ND	0.010	0.001	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.011	0.000	0.001	0.000	0.001	0.001	0.003	0.000	0.000	0.002	0.000	0.000	
SB	HQ_DIET	0.090	0.000	0.006	0.001	0.001	0.008	0.021	0.000	0.000	0.028	0.002	0.002	
	HQ_SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.003	0.000	0.000	0.001	0.001	0.001	0.015	0.000	0.000	0.221	0.000	0.000	
SE	HQ_DIET	0.272	0.001	0.022	0.002	0.003	0.017	0.059	0.000	0.001	0.043	0.010	0.010	
	HQ_SURFWATR	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.004	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.000	0.000	
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.607	0.002	0.061	0.006	0.009	0.046	0.152	0.000	0.002	0.109	0.015	0.015	
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
V	HQ_DIET	0.008	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000	0.000	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.014	0.000	0.002	0.000	0.000	0.001	0.003	0.000	0.000	0.002	0.001	0.001	

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - TEAD Current Data (continued)

Receptor Group	Mule Deer Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
ZN	HQ DIET	0.055	0.001	0.010	0.001	0.001	0.007	0.089	0.000	0.000	0.013	0.002
	HQ SURFWATR	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.004	0.000	0.000	0.000	0.001	0.000	0.012	0.000	0.000	0.001	0.001

*No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - TEAD Current Data

Receptor Group	Jackrabbit Pathway	RSA	SWMU												37	42	45
			1b	1c	10	11	12	15	21								
135TNB	HQ_DIET	ND ⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	6.106	0.047	1.874	0.476	0.274	0.410	4.729	0.021	0.043	2.046	0.392	0.021	0.043	2.046	0.392	0.392
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	0.000	0.008	0.001	0.001	0.006	0.019	0.000	0.000	0.014	0.002	0.000	0.000	0.014	0.002	0.002
24D	HQ_DIET	0.810	0.004	0.176	0.018	0.026	0.100	0.396	0.001	0.006	0.285	0.058	0.001	0.006	0.285	0.058	0.058
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AL	HQ_DIET	0.680	0.009	0.283	0.034	0.029	0.050	0.465	0.004	0.009	0.378	0.040	0.004	0.009	0.378	0.040	0.040
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.064	0.013	0.540	0.018	0.025	0.167	0.853	0.002	0.008	0.449	0.167	0.002	0.008	0.449	0.167	0.167
AS	HQ_DIET	0.036	0.000	0.038	0.002	0.003	0.016	0.073	0.000	0.001	0.068	0.007	0.000	0.001	0.068	0.007	0.007
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.022	0.000	0.005	0.000	0.001	0.009	0.168	0.000	0.000	0.041	0.008	0.000	0.000	0.041	0.008	0.008
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.003	0.003
BA	HQ_DIET	0.542	0.005	0.180	0.014	0.020	0.072	0.284	0.007	0.007	4.495	0.052	0.007	0.007	4.495	0.052	0.052
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.067	0.001	0.043	0.002	0.007	0.030	0.187	0.001	0.001	0.234	0.011	0.001	0.001	0.234	0.011	0.011
BE	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ_DIET	0.063	0.004	0.061	0.001	0.001	0.006	0.467	0.003	0.001	0.051	0.018	0.003	0.001	0.051	0.018	0.018
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.000	0.001	0.000	0.000	0.001	0.023	0.000	0.000	0.018	0.002	0.000	0.000	0.018	0.002	0.002
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
CO	HQ_DIET	0.151	0.002	0.072	0.006	0.005	0.042	0.131	0.001	0.001	0.268	0.017	0.001	0.002	0.268	0.017	0.017
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.230	0.001	0.078	0.002	0.003	0.014	0.583	0.000	0.002	0.217	0.021	0.000	0.002	0.217	0.021	0.021
CR_CRHEX	HQ_DIET	0.008	0.000	0.003	0.000	0.000	0.000	0.001	0.000	0.000	0.008	0.001	0.000	0.000	0.008	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.006	0.000	0.003	0.000	0.001	0.002	0.023	0.000	0.000	0.005	0.003	0.000	0.000	0.005	0.003	0.003

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - TEAD Current Data (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU										42	45
			1b	1c	10	11	12	15	21	37	42	45		
CU	HQ_DIET	0.425	0.005	0.139	0.022	0.025	0.104	0.479	0.005	0.006	0.383	0.034		
	HQ_SURFWATR	ND	ND	ND	ND	0.009	ND	ND	ND	ND	ND	ND		
DCB	HQ_SOIL	0.022	0.000	0.006	0.000	0.011	0.004	4.612	0.001	0.000	0.088	0.011		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
DDT_R	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001		
DIOXIN_FURAN	HQ_DIET	0.004	0.000	0.003	0.000	0.001	0.001	0.005	0.000	0.000	0.003	0.000		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
DN_TOL	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	HQ_DIET	3.207	0.035	1.868	0.065	0.195	0.222	5.633	0.093	0.677	1.831	0.183		
E_I	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	0.747	0.002	0.072	0.008	0.007	0.042	0.371	0.001	0.006	0.227	0.086		
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SURFWATR	ND	ND	ND	ND	0.010	ND	ND	ND	ND	ND	ND		
FE	HQ_SOIL	0.041	0.000	0.016	0.002	0.002	0.012	0.040	0.000	0.001	0.095	0.004		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
HG	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	2.732	0.032	1.309	0.139	0.109	0.307	2.057	0.011	0.042	1.785	0.171		
HMX	HQ_DIET	5.347	0.061	2.865	0.127	0.210	ND	ND	ND	ND	ND	ND		
	HQ_SURFWATR	0.004	0.000	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.003	0.000		
H_HE	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.000		
LIN	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
MIN	HQ_DIET	0.002	0.000	0.001	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
NB	HQ_SOIL	0.208	0.002	0.118	0.006	0.006	0.026	0.079	0.000	0.001	0.098	0.015		
	HQ_DIET	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND		
NB	HQ_SURFWATR	0.036	0.000	0.016	0.001	0.003	0.007	0.044	0.000	0.000	0.019	0.005		
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SURFWATR	0.004	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.003	0.000		

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbitt - TEAD Current Data (continued)

Receptor Group	Jackrabbitt Pathway	RSA	SWMU										37	42	45
			1b	1c	10	11	12	15	21	37	42	45			
NI	HQ DIET	0.019	0.000	0.008	0.000	0.001	0.004	0.012	0.000	0.000	0.012	0.001	ND	ND	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.001	0.000	0.004	0.000	0.000	0.004	0.000			
NNDPA	HQ SOIL	0.003	0.000	0.001	0.000	0.001	0.000	0.004	0.000	0.000	0.004	0.000	ND	ND	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
PAH	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
PB	HQ DIET	0.001	0.000	0.001	0.000	0.000	0.001	0.012	0.000	0.000	0.009	0.000	ND	ND	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.235	0.000	0.012	0.000	0.001	0.008	0.044			
PCB_S	HQ SOIL	0.010	0.000	0.004	0.000	0.001	0.012	0.532	0.000	0.001	0.008	0.044	ND	ND	0.000
	HQ DIET	0.145	0.001	0.033	0.006	0.008	0.048	0.238	0.032	0.002	2.648	0.020			
PHENOL	HQ SURFWATR	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.065	0.001	0.016	0.000	0.214	0.051	0.534	0.005	0.000	1.008	0.095			
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
RDX	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.001	0.002	ND	ND	0.000
	HQ DIET	9.344	0.130	5.209	0.000	0.746	2.391	8.444	0.033	0.118	6.168	1.336			
SB	HQ SURFWATR	ND	ND	ND	ND	0.048	ND	ND	ND	ND	ND	ND	ND	ND	0.003
	HQ SOIL	0.031	0.000	0.012	0.001	0.002	0.009	0.030	0.000	0.000	0.022	0.003			
SE	HQ DIET	0.253	0.002	0.067	0.007	0.010	0.088	0.231	0.005	0.003	0.302	0.024	ND	ND	0.001
	HQ SURFWATR	ND	ND	ND	ND	0.009	0.007	0.158	0.001	0.000	2.383	0.002			
TL	HQ SOIL	0.008	0.000	0.003	0.000	0.015	0.007	0.642	0.001	0.009	0.463	0.109	ND	ND	0.001
	HQ DIET	0.761	0.006	0.241	0.023	0.035	0.186	ND	ND	ND	ND	ND			
TPHC	HQ SURFWATR	ND	ND	ND	ND	0.030	ND	ND	ND	0.000	0.017	0.001	ND	ND	0.001
	HQ SOIL	0.011	0.000	0.004	0.000	0.001	0.003	0.035	0.000	0.000	0.017	0.001			
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
V	HQ SOIL	1.683	0.016	0.654	0.065	0.098	0.490	1.634	0.004	0.023	1.176	0.163	ND	ND	0.002
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
V	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.018	0.002	ND	ND	0.008
	HQ SOIL	0.027	0.000	0.005	0.001	0.001	0.005	0.021	0.000	0.000	0.018	0.002			
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008
	HQ SURFWATR	0.050	0.001	0.032	0.001	0.002	0.010	0.046	0.000	0.001	0.033	0.008			

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - TEAD Current Data (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
ZN	HQ DIET	0.192	0.007	0.136	0.013	0.014	0.089	1.213	0.003	0.005	0.180	0.027
	HQ SURFWATR	ND	ND	ND	ND	0.012	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	0.000	0.005	0.000	0.014	0.004	0.166	0.000	0.000	0.018	0.010

*No toxicity data or pathway data is missing.

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox- TEAD Current Data

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox - LEAD Current Data														
Receptor Group	Kit Fox Pathway	RSA	SWMU											
			1b	1c	10	11	12	15	21	37	42	45		
135TNTB	HQ DIET	ND ⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ DIET	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	0.190	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.001	0.000
	HQ SOIL	0.055	0.000	0.000	0.000	0.000	0.002	0.007	0.000	0.000	0.005	0.000	0.001	0.000
24D	HQ DIET	0.318	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ DIET	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.013	0.000	0.000	0.000	0.014	0.000
AL	HQ DIET	2.187	0.011	0.011	0.001	0.001	0.001	0.003	0.003	0.020	0.101	0.000	0.053	0.020
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	0.003	0.003	0.009	0.009	0.000	0.005	0.001
	HQ SOIL	5.992	0.002	0.064	0.002	0.003	0.003	0.020	0.020	0.009	0.016	0.000	0.004	0.001
AS	HQ DIET	0.099	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.005	0.001
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	0.001	0.001	0.001	0.001	0.000	0.004	0.001
	HQ SOIL	0.099	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.016	0.000	0.004	0.001
A_D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BA	HQ DIET	0.814	0.005	0.014	0.001	0.002	0.002	0.002	0.002	0.011	0.030	0.000	0.042	0.005
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	0.003	0.003	0.003	0.018	0.001	0.022	0.001
	HQ SOIL	0.301	0.000	0.004	0.000	0.001	0.001	0.003	0.003	0.000	0.018	0.000	0.022	0.001
BE	HQ DIET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BZALC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CD	HQ DIET	0.129	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.005	0.002
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.002	0.000	0.002	0.000
CLDN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CO	HQ DIET	0.681	0.005	0.005	0.001	0.001	0.001	0.001	0.008	0.008	0.009	0.000	0.006	0.006
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	1.294	0.000	0.009	0.000	0.000	0.000	0.002	0.069	0.000	0.069	0.000	0.026	0.002
CR_CRHEX	HQ DIET	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.002	0.000	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox- TEAD Current Data (continued)

Receptor Group	Kit Fox Pathway	RSA	SWMU										
			1b	1c	10	11	12	15	21	37	42	45	
CU	HQ_DIET	1.298	0.013	0.015	0.004	0.007	0.036	0.429	0.001	0.001	0.001	0.042	0.027
	HQ_SURFWATR	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.078	0.000	0.000	0.000	0.001	0.000	0.351	0.000	0.000	0.007	0.001	0.001
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DDT_R	HQ_DIET	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	25.399	0.089	2.430	0.373	0.493	2.050	6.381	0.023	0.097	4.391	0.056	0.056
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	3.368	0.000	0.007	0.001	0.001	0.004	0.035	0.000	0.001	0.022	0.008	0.008
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	0.002
	HQ_SOIL	0.111	0.000	0.001	0.000	0.000	0.001	0.002	0.000	0.000	0.005	0.000	0.000
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	10.595	0.042	0.057	0.008	0.009	0.076	0.104	0.001	0.002	0.090	0.072	0.072
	HQ_SURFWATR	ND	ND	ND	ND	0.121	ND	ND	ND	ND	ND	0.001	0.001
	HQ_SOIL	24.046	0.006	0.272	0.012	0.133	0.085	1.701	0.001	0.005	0.217	0.080	0.080
HG	HQ_DIET	0.014	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	0.142	0.001	0.001	0.000	0.000	0.002	0.002	0.000	0.000	0.001	0.001	0.001
	HQ_SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	0.000	0.000
	HQ_SOIL	0.160	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.002	0.001	0.001
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox- TEAD Current Data (continued)

Receptor Group	Kit Fox Pathway	RSA	SWMU												42	45
			1b	1c	10	11	12	15	21	37	42	45	45	45		
NI	HQ DIET	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
NNDPA	HQ SOIL	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
PAH	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000
PB	HQ DIET	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000
	HQ SURFWATR	ND	ND	ND	ND	0.138	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
PCB_S	HQ SOIL	0.044	0.000	0.000	0.000	0.000	0.001	0.534	0.000	0.000	0.001	0.001	0.001	0.001	0.004	0.004
	HQ DIET	4.183	0.002	0.012	0.001	0.180	0.046	0.264	0.003	0.001	0.631	0.631	0.631	0.631	0.059	0.059
PHENOL	HQ SURFWATR	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.291	0.000	0.002	0.000	0.020	0.005	0.051	0.000	0.000	0.096	0.096	0.096	0.096	0.009	0.009
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
RDX	HQ SOIL	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
SB	HQ SURFWATR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
SE	HQ DIET	0.142	0.000	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.002	0.002	0.002	0.002	0.000	0.000
	HQ SURFWATR	0.981	0.002	0.006	0.001	0.020	0.015	0.114	0.001	0.001	1.829	1.829	1.829	1.829	0.009	0.009
TL	HQ SOIL	ND	ND	ND	ND	0.005	0.001	0.015	0.000	0.000	0.227	0.227	0.227	0.227	0.000	0.000
	HQ DIET	0.037	0.000	0.000	0.000	0.001	0.001	0.015	0.000	0.000	0.043	0.043	0.043	0.043	0.013	0.013
TPHC	HQ SURFWATR	2.495	0.004	0.016	0.003	0.003	0.027	0.072	0.001	0.001	0.001	0.001	0.001	0.001	ND	0.001
	HQ SOIL	ND	ND	ND	ND	0.017	ND	ND	ND	ND	0.002	0.002	0.002	0.002	0.000	0.000
V	HQ SURFWATR	0.050	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.002	0.002	0.002	0.002	0.000	0.000
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SURFWATR	7.587	0.002	0.062	0.006	0.009	0.047	0.155	0.000	0.002	0.112	0.112	0.112	0.112	0.016	0.016
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ DIET	0.079	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ SOIL	0.220	0.000	0.003	0.000	0.000	0.001	0.004	0.000	0.000	0.003	0.003	0.003	0.003	0.001	0.001

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox- TEAD Current Data (continued)

Receptor Group	Kit Fox Pathway	RSA	SWMU									
			1b	1c	10	11	12	15	21	37	42	45
ZN	HQ DIET	1.673	0.009	0.010	0.003	0.018	0.040	0.123	0.000	0.000	0.024	0.024
	HQ SURFWATR	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.063	0.000	0.000	0.001	0.000	0.016	0.000	0.000	0.002	0.001	0.001

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic)

Receptor Group	Passerines Pathway	RSA	SWMU											
			01	1b	1c	03	04	06	07	08	10	11	12	13
135TNB	HQ_DIET**	ND ⁽⁶⁾	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SURFWATR	0.023	0.193	ND	2.556	ND	ND	0.024	ND	0.028	ND	0.054	ND	5.578
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A.D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SOIL	0.436	ND	ND	ND	ND	0.147	1.435	1.309	0.478	ND	0.664	0.620	1.074
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_SURFWATR	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.078	0.004	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.600	5.346	ND	ND	ND	0.365	1.309	1.303	1.438	ND	0.825	ND	2.664
CD	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SURFWATR	0.005	0.006	ND	ND	ND	0.002	ND	0.004	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	0.011	ND	ND	ND	ND	0.021	ND	ND	ND	ND	ND	ND	0.568
	HQ_SURFWATR	0.662	14.365	5.587	0.245	ND	7.647	1.642	0.953	ND	ND	14.225	ND	45.643
CR_CRHEX	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.004	ND	0.001	ND	0.005	0.004	0.006	0.006	ND	0.004	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	6.819	10.495	ND	12.755	ND	43.745	9.085	10.909	11.428	ND	23.527	ND	81.154
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU													
			01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND
	HQ_SOIL	0.225	68.811	ND	0.234	0.298	0.593	0.213	2.620	ND	67.694	ND	ND	5.321	4.401	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.041	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.407
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	1.724	0.075	ND	ND	ND	ND	3.219
	HQ_SOIL	8.202	ND	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.246	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.348	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.560
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND
	HQ_SOIL	19.604	42.703	ND	ND	17.976	29.153	36.126	38.108	ND	98.153	ND	ND	ND	ND	44.328
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	0.010	0.025	ND	0.020	0.005	0.022	ND	0.009	ND	0.152	ND	0.012	0.535	0.048	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
	HQ_SOIL	0.422	ND	ND	ND	0.209	ND	0.936	ND	ND	1.342	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
	HQ_SOIL	0.248	0.352	ND	ND	ND	0.291	0.208	0.308	0.407	ND	1.074	ND	ND	0.769	0.243
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	166.830	3.509	0.572	11.689	9.107	ND
PCB_S	HQ_DIET	1.303	207.923	1.416	ND	0.236	6.923	47.309	2.184	248.079	ND	0.002	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.351	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.379
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND
	HQ_SOIL	0.229	ND	ND	ND	0.023	0.128	ND	ND	ND	1.468	ND	ND	0.391	1.572	0.082
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND	ND	ND	ND
TL	HQ_DIET	0.248	ND	ND	ND	0.106	ND	ND	ND	ND	0.529	ND	ND	ND	2.692	0.396
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ_DIET	49.233	24.344	ND	ND	ND	21.445	ND	ND	ND	ND	ND	ND	ND	31.617	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.875	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Appendix C - Summary Results of Bioassays for 2006-2007																
Receptor Group	Passerines		SWMU													
	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	
ZN	Pathway	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.021	ND	ND	ND	ND	
	HO_SOIL	1.277	268.631	ND	ND	0.711	5.232	4.828	6.961	2.200	ND	19.977	ND	ND	33.492	9.179

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	SWMU														35
		19	20	21	22	23	25	26	27	28	29	30	31	32	34	
135TNB	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_SOIL	0.023	ND	ND	0.005	0.027	0.248	0.041	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_SOIL	0.436	0.347	0.280	0.152	0.999	0.802	0.406	0.813	0.981	0.841	0.485	ND	0.131	0.109	3.164
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_SOIL	0.600	3.726	12.396	ND	0.800	0.981	ND	ND	ND	ND	1.423	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_SOIL	0.005	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_SOIL	0.011	ND	ND	ND	0.029	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	0.662	2.597	132.790	ND	6.107	2.409	4.245	14.521	7.186	0.644	7.343	ND	0.636	0.385	0.669
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_SOIL	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SOIL	0.005	ND	0.002	0.001	0.004	0.003	ND	ND	ND	ND	0.005	ND	ND	ND	0.007
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	6.819	16.763	297.492	1.664	43.372	16.372	33.468	136.012	12.714	22.966	57.907	ND	3.106	1.703	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	SWMU														35
		19	20	21	22	23	25	26	27	28	29	30	31	32	34	
CU	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DCB	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.225	5.334	6.488	0.038	0.629	1.058	3.610	0.529	0.263	ND	0.425	ND	0.055	0.083	0.247
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURAN	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.041	ND	ND	ND	ND	ND	ND	ND	ND	2.541	ND	ND	ND	29.453	2.758
DN_TOL	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	8.202	ND	0.051	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.246	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.263	36.909
FE	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	19.604	51.158	22.103	5.109	30.285	90.909	ND	ND	ND	ND	31.526	ND	ND	ND	35.085
HMX	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.010	ND	0.009	ND	0.019	0.168	0.009	1.483	ND	ND	0.015	ND	ND	ND	ND
H_HE	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.004	0.269
MN	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.422	ND	0.518	ND	ND	0.613	ND	ND	ND	ND	ND	ND	ND	0.005	0.290
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	SWMU														35
		19	20	21	22	23	25	26	27	28	29	30	31	32	34	
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.248	0.517	0.788	0.067	0.223	0.192	0.223	0.352	ND	ND	0.308	ND	ND	0.057	ND
NNDEA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_S	HQ DIET	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	1.303	71.872	374.028	0.292	7.360	39.228	13.709	22.275	4.592	2.686	8.285	1.776	0.522	1.563	3.191
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.351	ND	ND	ND	14.397	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.229	0.231	0.078	ND	0.078	ND	ND	ND	0.138	ND	ND	0.069	ND	ND	ND
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.248	ND	0.811	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053	ND
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	49.233	22.924	43.921	ND	ND	ND	12.628	39.382	39.738	ND	ND	ND	ND	5.976	ND
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	7.775	3.008	ND	ND	ND	ND	ND
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	SWMU														
		19	20	21	22	23	25	26	27	28	29	30	31	32	34	35
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	1.277	97.286	19.262	103.336	0.732	10.702	4.074	35.711	11.323	5.024	5.661	ND	ND	2.071	2.886

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	RSA	SWMU									
			36	37	38	40	42	45	46	47		
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	0.023	0.027	ND	ND	0.023	0.396	0.059	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	0.866	1.123	2.546	0.109	ND	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	3.126	ND	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	1.610	52.405	ND	ND	ND	ND
BE	HQ_DIET	ND	1.414	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.662	ND	0.761	0.569	1.202	11.683	4.695	0.863	ND	ND	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	ND	ND	ND	ND	1.120	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.003	ND	ND	0.003	0.005	0.004	ND	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	6.819	8.322	ND	ND	7.829	50.009	27.244	6.640	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	SWMU									
		36	37	38	40	42	45	46	47		
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.225	3.331	0.171	0.461	40.324	1.127	0.144	ND		
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.041	ND	ND	ND	14.094	47.286	ND	ND		
DIOXIN_FURAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	8.202	8.450	ND	ND	18.829	0.312	ND	ND		
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.246	ND	ND	ND	ND	ND	ND	ND		
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.004	ND	ND	ND	ND	ND	ND	ND		
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND		
	HQ SOIL	19.604	32.780	ND	24.168	33.278	ND	10.668	ND		
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.010	ND	0.008	0.008	0.019	0.029	0.014	0.032		
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.004	ND	ND	ND	ND	ND	ND	ND		
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
MN	HQ DIET	0.001	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.422	ND	ND	ND	0.492	0.000	ND	ND		
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	SWMU									
		36	37	38	40	42	45	46	47		
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.248	ND	ND	0.193	0.989	0.377	0.107	ND		
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND		
	HQ SOIL	19.584	1.642	0.883	5.921	549.935	16.395	4.257	12.826		
PCB_S	HQ DIET	1.303	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.351	ND	ND	ND	ND	ND	ND	ND		
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND		
	HQ SOIL	0.229	0.021	0.006	ND	0.041	1.403	ND	ND		
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	0.248	ND	ND	ND	ND	ND	ND	ND		
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	49.233	ND	15.327	ND	69.105	47.543	ND	ND		
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	10.249	184.877		
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND		

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds (TEAD Historic) (continued)

Receptor Group	Passerines Pathway	SWMU								
		RSA	36	37	38	40	42	45	46	47
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.277	6.190	13.530	ND	2.231	32.712	9.647	1.592	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic)

Receptor Group	American Kestrel Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND ⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_SURFWATR	0.001	0.008	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.004	0.001
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_DIET	0.025	ND	ND	ND	ND	0.000	0.006	0.013	0.000	ND	0.000	0.002	ND	0.001	0.017
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SURFWATR	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.001
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_SOIL	0.034	0.223	ND	ND	ND	0.000	0.006	0.013	0.000	ND	0.001	ND	ND	0.002	0.018
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.000	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_SURFWATR	0.001	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	0.037	0.599	0.001	ND	0.000	0.001	0.007	0.009	ND	ND	0.010	ND	ND	0.032	0.057
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SURFWATR	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SOIL	0.386	0.437	ND	ND	0.001	0.003	0.040	0.106	0.004	ND	0.017	ND	0.023	0.057	1.565
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
SWMU																
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
DCB	HQ SOIL	0.013	2.868	ND	ND	0.000	0.000	0.003	0.002	0.001	ND	0.048	ND	ND	0.004	0.052
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ SOIL	0.464	ND	0.000	0.000	ND	ND	ND	ND	ND	0.001	0.000	ND	ND	ND	0.038
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007
FE	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND	ND	ND
HG	HQ SURFWATR	1.109	1.780	ND	ND	ND	0.001	0.129	0.352	0.012	ND	0.070	ND	ND	ND	0.528
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HMX	HQ DIET	0.001	ND	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	0.001
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ SURFWATR	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ SOIL	0.024	ND	ND	ND	ND	0.000	ND	0.009	ND	ND	0.000	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
NNDPA	HQ SOIL	0.014	0.015	ND	ND	ND	0.000	0.001	0.003	0.000	ND	0.001	ND	ND	0.001	0.003
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_s	HQ SOIL	0.015	1.733	0.000	ND	0.000	0.000	0.042	0.004	0.015	ND	0.024	0.003	0.000	0.002	0.022
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ SURFWATR	0.020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
RDX	HQ SOIL	0.013	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.001	ND	0.001	0.001	0.001
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ SOIL	0.014	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.011	ND	ND	0.002	0.005
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
TPHC	HQ SURFWATR	2.785	1.015	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	0.022	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU														
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019	ND	ND	ND	ND	ND
	HQ SOIL	0.072	11.198	ND	ND	0.000	0.000	0.021	0.068	0.001	ND	0.014	ND	ND	0.024	0.109

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU												
		19	20	21	22	23	25	26	27	28	29	30	31	32
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.025	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.003	0.002	ND	0.000
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.034	0.004	0.001	ND	0.000	0.001	ND	ND	ND	ND	0.007	ND	ND
BE	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.037	0.010	0.009	ND	0.001	0.001	0.030	0.002	0.003	0.002	0.037	ND	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.386	0.004	0.017	0.000	0.007	0.010	0.239	0.021	0.005	0.082	0.290	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
SWMU															
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	0.001	ND	ND	ND	ND	ND	ND	ND
DCB	HQ_SOIL	0.013	0.003	0.007	0.003	0.000	0.000	0.000	0.026	0.000	0.000	ND	0.002	ND	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURAN	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_SOIL	0.464	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND
HG	HQ_SOIL	1.109	0.026	0.023	0.003	0.000	0.005	0.056	ND	ND	ND	ND	0.158	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HMX	HQ_SOIL	0.001	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_SOIL	0.024	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.000	ND	ND	0.002	ND	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_s	HQ_DIET	0.015	0.001	0.015	0.005	0.000	0.000	0.005	0.020	0.001	0.000	0.002	0.008	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.785	ND	0.023	0.003	ND	ND	ND	0.090	0.006	0.016	ND	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.011	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.011	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU													
		RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.072	0.049	0.020	0.007	0.000	0.002	0.003	0.255	0.002	ND	0.018	0.028	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	RSA	34	35	36	37	38	40	42	45	46	47
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	0.001	ND	ND	0.000	ND	ND	0.000	0.003	0.000	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_DIET	0.025	0.000	0.012	0.000	ND	ND	0.006	0.010	0.003	0.000	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_DIET	0.000	0.000	ND	ND	ND	ND	ND	ND	0.004	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_DIET	0.034	ND	ND	0.001	ND	ND	0.012	0.449	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_DIET	0.037	0.000	0.003	ND	0.000	0.000	0.009	0.100	0.006	0.000	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	0.000	ND	0.000	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_DIET	0.000	ND	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.386	0.000	ND	0.003	ND	ND	0.036	0.429	0.032	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	RSA	34	35	36	37	38	40	42	45	46	47
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.013	0.000	0.001	0.001	ND	0.000	0.003	0.346	0.001	0.000	ND
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.002	0.002	0.011	ND	ND	ND	ND	0.121	0.036	ND	ND
DIOXIN_FURAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.464	ND	ND	ND	0.001	ND	ND	0.161	0.000	ND	ND
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	0.001	0.145	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SOIL	1.109	ND	0.138	0.012	ND	ND	0.173	0.285	ND	0.001	ND
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	ND	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.024	ND	ND	ND	ND	ND	ND	0.004	0.000	ND	ND
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU										
		34	35	36	37	38	40	42	45	46	47	
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	0.001	0.008	0.000	0.000	ND	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.015	0.003	0.001	0.000	0.000	0.008	0.943	0.004	0.000	0.001	0.001
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND
	HQ_SOIL	0.013	ND	ND	0.000	0.000	ND	0.000	0.002	ND	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	2.785	0.000	ND	ND	0.001	ND	0.593	0.057	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	0.040
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel (TEAD Historic) (continued)

Receptor Group	American Kestrel Pathway	SWMU										
		RSA	34	35	36	37	38	40	42	45	46	47
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.072	0.000	0.011	0.002	0.002	ND	0.016	0.280	0.011	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic)

Receptor Group	Great Horned Owl Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14
135TNB	HQ_DIET**	ND ⁽⁶⁾	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	0.000	0.000	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_DIET	0.009	ND	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	0.000	ND	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.012	0.006	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.013	0.016	0.000	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.001
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.137	0.012	ND	ND	0.000	0.000	0.001	0.003	0.000	ND	0.000	ND	0.001	0.002

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.005	0.076	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.165	ND	0.000	0.000	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.395	0.047	ND	ND	ND	0.000	0.003	0.009	0.000	ND	0.001	ND	ND	ND
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	ND	ND	ND	ND	0.000	ND	0.000	ND	ND	0.000	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU											
			01	1b	1c	03	04	06	07	08	10	11	12	13
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.000	0.000	0.000
PCB_S	HQ_DIET	0.026	0.229	ND	0.000	0.000	0.006	0.001	0.002	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	0.000	ND	ND	ND	ND	0.000	ND	0.000	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	0.000
TL	HQ_DIET	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.001
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.993	0.027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl														
	SWMU														
	01	1b	1c	03	04	06	07	08	10	11	12	13	14		
ZN	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND		
	HQ SOIL	0.026	0.296	ND	0.000	0.000	0.001	0.002	0.000	ND	0.000	ND	0.001		

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	15	19	20	21	22	23	25	26	27	28	29	30	31
SWMU															
135TNB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
A_D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.012	0.000	ND	ND	0.000	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND
BZALC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.013	0.002	0.000	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.001	ND
CO	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ SOIL	0.000	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.137	0.041	0.000	0.000	0.001	0.000	0.000	0.000	0.006	0.001	0.000	0.002	0.008	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	15	19	20	21	22	23	25	26	27	28	29	30	31
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	ND	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.165	0.001	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.395	0.014	0.001	0.001	0.000	0.000	0.000	0.001	ND	ND	ND	ND	0.004	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	SWMU														
			15	19	20	21	22	23	25	26	27	28	29	30	31		
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_S	HQ_DIET	0.026	0.000	0.002	0.001	0.000	0.000	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RDX	HQ_DIET	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.993	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	SWMU													
		RSA	15	19	20	21	22	23	25	26	27	28	29	30	31
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.026	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.007	0.000	ND	0.000	0.001	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	32	34	35	36	37	38	40	42	45	46	47
135TNB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
AL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ DIET	0.009	0.000	0.000	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND
BA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.012	ND	ND	ND	0.000	ND	ND	0.000	0.012	ND	ND	ND
BE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.013	0.000	0.000	0.000	ND	0.000	0.000	0.000	0.003	0.000	0.000	ND
CLDN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND
CO	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	0.000	ND	ND	ND	0.000	0.000	0.000	ND	ND
CR_CRHEX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.137	0.000	0.000	ND	0.000	ND	ND	0.001	0.011	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	RSA	32	34	35	36	37	38	40	42	45	46	47
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.005	0.000	0.000	0.000	0.000	ND	0.000	0.000	0.009	0.000	0.000	ND
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	ND	0.000	0.000	ND	ND	ND	ND	0.003	0.001	ND	ND
DIOXIN_FURAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.165	ND	ND	ND	ND	0.000	ND	ND	0.004	0.000	ND	ND
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.005	ND	0.000	0.004	0.000	ND	ND	0.005	0.008	ND	0.000	ND
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND
	HQ SOIL	0.395	ND	ND	0.004	0.000	ND	ND	0.005	0.008	ND	0.000	ND
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.000	ND	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	SWMU											
		RSA	32	34	35	36	37	38	40	42	45	46	47
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.005	ND	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_s	HQ_DIET	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.125	0.001	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.005	ND	ND	ND	ND	0.000	0.000	0.000	0.000	ND	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	0.005	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.993	ND	0.000	ND	ND	ND	0.000	0.016	0.001	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001	0.001

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl (TEAD Historic) (continued)

Receptor Group	Great Horned Owl Pathway	SWMU											
		RSA	32	34	35	36	37	38	40	42	45	46	47
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.026	ND	0.000	0.000	0.000	0.000	ND	0.000	0.007	0.000	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic)

Receptor Group	Golden eagle Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND ⁽⁶⁾	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_SURFWATR	0.001	0.000	ND	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.000	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_SOIL	0.018	ND	ND	ND	ND	0.000	0.000	0.001	0.000	ND	0.000	0.000	ND	0.000	0.001
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SURFWATR	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_DIET	0.024	0.012	ND	ND	ND	0.000	0.000	0.001	0.000	ND	0.000	ND	ND	0.000	0.001
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_SURFWATR	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.025	0.029	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.002	0.003
CO	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SURFWATR	0.000	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	ND	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SOIL	0.275	0.023	ND	ND	0.000	0.000	0.002	0.006	0.000	ND	0.001	ND	0.001	0.003	0.083
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle		SWMU													
	Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.009	0.152	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.003	ND	ND	0.000	0.003
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	ND	0.000	0.000	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	0.002
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.791	0.094	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	0.028
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	0.004	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	ND
	HQ_SOIL	0.017	ND	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU												
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SOIL	0.010	0.001	ND	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	0.000
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.001	0.000
PCB_S	HQ DIET	0.042	0.367	0.000	ND	0.000	0.000	0.009	0.001	0.003	ND	0.005	0.000	0.005
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ SOIL	0.009	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	0.000
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
	HQ SOIL	0.009	ND	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	0.000
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	2.482	0.067	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	0.001
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ SOIL	0.052	0.592	ND	ND	0.000	0.000	0.001	0.004	0.000	ND	0.001	ND	ND	0.001	0.006

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	0.001	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A.D	HQ_DIET	0.018	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_DIET	0.024	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	0.000	ND	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_DIET	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.002	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_DIET	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.275	0.000	0.001	0.001	0.000	0.000	0.001	0.013	0.001	0.000	0.004	0.015	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	RSA	SWMU														
			19	20	21	22	23	25	26	27	28	29	30	31	32		
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0,009	0,000	0,000	0,000	0,000	0,000	0,001	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURAN	HQ_DIET	0,001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0,000	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0,331	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	0,009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0,791	0,001	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017	0,017
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU													
		19	20	21	22	23	25	26	27	28	29	30	31	32	
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.042	0.000	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.002	0.000	0.000	
PCB_S	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.014	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
RDX	HQ DIET	ND	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.009	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	2.482	0.002	0.000	ND	ND	ND	0.006	0.000	0.001	ND	ND	ND	ND	
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001	ND	ND	ND	
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001	ND	ND	ND	

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	SWMU														
	Golden eagle Pathway	RSA	19	20	21	22	23	25	26	27	28	29	30	31	32
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.052	0.003	0.001	0.000	0.000	0.000	0.000	0.014	0.000	ND	0.001	0.001	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	RSA	34	35	36	37	38	40	42	45	46	47
135TNB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ DIET	0.001	ND	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ DIET	0.018	0.000	0.001	0.000	ND	ND	0.000	0.001	0.000	0.000	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ DIET	0.000	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.024	ND	ND	0.000	ND	ND	0.001	0.024	ND	ND	ND
BE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.025	0.000	0.000	ND	0.000	0.000	0.000	0.005	0.000	0.000	ND
CLDN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND
CO	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ DIET	0.000	ND	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.275	0.000	ND	0.000	ND	ND	0.003	0.023	0.002	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU										
		RSA	34	35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
DCB	HQ_SOIL	0.009	0.000	0.000	0.000	ND	0.000	0.000	0.018	0.000	0.000	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.001	0.000	0.000	ND	ND	ND	ND	0.003	0.001	ND	ND
DN_TOL	HQ_SOIL	0.331	ND	ND	ND	0.000	ND	ND	0.009	0.000	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	0.009	0.000	0.007	0.001	ND	ND	ND	0.015	ND	0.000	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HG	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SOIL	0.791	ND	0.007	0.001	ND	ND	0.009	0.015	ND	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
NB	HQ_SOIL	0.017	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU									
		34	35	36	37	38	40	42	45	46	47
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.010	ND	ND	ND	ND	0.000	0.000	0.000	0.000	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDPA	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SOIL	0.042	0.001	0.000	0.000	0.000	0.002	0.200	0.001	0.000	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_S	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SOIL	0.009	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RDX	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	0.000	ND	0.039	0.004	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ SOIL	2.482	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.002
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle (TEAD Historic) (continued)

Receptor Group	Golden eagle Pathway	SWMU										
		RSA	34	35	36	37	38	40	42	45	46	47
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.032	0.000	0.001	0.000	0.000	ND	0.001	0.015	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic)

Exposure Runway Hazarda Quantities (11%) for the Data Log (11%) (
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Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	RSA	SWMU										13	14	15	19
			01	1b	1c	03	04	06	07	08	10	11	12			
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
DCB	HQ_SOIL	0.009	0.152	ND	ND	0.000	0.000	0.000	0.000	0.000	ND	0.003	ND	0.000	0.003	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
DN_TOL	HQ_SOIL	0.331	ND	0.000	0.000	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.002	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HG	HQ_SURFWATR	0.791	0.094	ND	ND	ND	ND	0.007	0.019	0.001	ND	0.002	ND	ND	0.028	0.001
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SURFWATR	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	ND
H_HE	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_SOIL	0.017	ND	ND	ND	ND	0.000	ND	0.000	ND	ND	0.000	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	RSA	SWMU														
			01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	19
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	0.000	ND	ND	
	HQ_SOIL	0.010	0.001	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000	0.000	0.000	
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	0.000	0.009	0.001	0.003	ND	0.005	0.001	0.000	0.000	0.005	0.000	
PCB_S	HQ_DIET	0.042	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	
	HQ_SOIL	0.009	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	0.000	0.000	0.000	0.000	
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	
	HQ_SOIL	0.009	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	0.000	0.000	ND	
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	2.482	0.067	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle		SWMU															
	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	19		
ZN		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND		
	HQ_SOIL	0.052	0.592	ND	ND	0.000	0.000	0.001	0.004	0.000	ND	0.001	ND	0.001	0.006	0.003		

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU													30	31	32	34
		RSA	20	21	22	23	25	26	27	28	29	30	31	32				
135TNB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_SURFWATR	0.001	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_SURFWATR	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	0.000	0.000	ND	0.000	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_SURFWATR	0.024	0.000	0.000	ND	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_SURFWATR	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	0.025	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.002	ND	0.000	0.000	ND	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_SURFWATR	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SOIL	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.275	0.001	0.001	0.000	0.000	0.001	0.013	0.001	0.001	0.004	0.015	ND	0.000	0.004	0.015	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	RSA	20	21	22	23	25	26	27	28	29	30	31	32	34
SWMU															
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.009	0.000	0.000	0.000	0.000	ND	0.001	0.000	0.000	ND	0.000	ND	0.000	0.000
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURA	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.331	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.791	0.001	0.000	0.000	0.000	0.003	ND	ND	ND	ND	0.008	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	0.017	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU													34
		RSA	20	21	22	23	25	26	27	28	29	30	31	32	
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	0.000
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_S	HQ DIET	0.042	0.003	0.001	0.000	0.000	0.001	0.004	0.000	0.000	0.000	0.002	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	0.000	0.000	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND	ND
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	2.482	0.002	0.000	ND	ND	ND	0.006	0.000	0.001	ND	ND	ND	ND	0.000
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001	ND	ND	ND	ND
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle		SWMU													
	Pathway	RSA	20	21	22	23	25	26	27	28	29	30	31	32	34	
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.052	0.001	0.000	0.000	0.000	0.000	0.014	0.000	ND	0.001	0.001	ND	ND	0.000	

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU									
		RSA	35	36	37	38	40	42	45	46	47
135TNB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ DIET	0.001	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ DIET	0.018	0.001	0.000	ND	ND	0.000	0.001	0.000	0.000	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	0.000	ND	ND
BA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.024	ND	0.000	ND	ND	0.001	0.024	ND	ND	ND
BE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND
BZALC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ DIET	0.025	0.000	ND	0.000	0.000	0.000	0.005	0.000	0.000	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ DIET	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ DIET	0.000	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.275	ND	0.000	ND	ND	0.003	0.023	0.002	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	RSA	35	36	37	SWMU 38	40	42	45	46	47
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	0.000	0.000	ND	0.000	0.000	0.018	0.000	0.000	ND
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	ND	ND	ND	ND	0.001	0.001	ND	ND
DIOXIN_FURA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.331	ND	ND	0.000	ND	ND	0.009	0.000	ND	ND
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	0.007	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SOIL	0.791	0.007	0.001	ND	ND	0.009	0.015	ND	0.000	ND
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.017	ND	ND	ND	ND	ND	0.000	0.000	ND	ND
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	RSA	35	36	37	38	40	42	45	46	47
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.010	ND	ND	ND	ND	0.000	0.000	0.000	0.000	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDPA	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_s	HQ SURFWATR	0.042	0.001	0.000	0.000	0.000	0.002	0.200	0.001	0.000	0.000
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ SOIL	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RDX	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ SOIL	2.482	ND	ND	0.000	0.000	ND	0.039	0.004	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.002
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle (TEAD Historic) (continued)

Receptor Group	Bald eagle Pathway	SWMU									
		RSA	35	36	37	38	40	42	45	46	47
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.052	0.001	0.000	0.000	ND	0.001	0.015	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic)

Receptor Group	Deer mouse Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND ⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_SOIL	0.089	54.597	ND	ND	ND	ND	ND	ND	ND	25.511	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_SOIL	0.000	0.002	ND	ND	0.016	ND	0.000	ND	0.000	ND	0.001	ND	ND	0.063	0.001
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	4.798	11.263	ND	ND	ND	ND	ND	11.774	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SOIL	0.059	ND	ND	ND	ND	0.011	0.195	0.178	0.065	ND	0.090	0.084	ND	0.146	0.193
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_DIET	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.048	0.002	ND	ND	0.032
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SOIL	0.181	1.615	ND	ND	ND	0.063	0.395	0.394	0.434	ND	0.249	ND	ND	0.805	0.460
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_DIET	0.000	0.001	ND	ND	ND	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	0.042	0.016	0.009	ND	ND	0.137	ND	ND	0.441	0.047
	HQ_SOIL	0.006	0.139	0.051	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_DIET	0.647	0.513	ND	ND	0.070	0.359	0.521	0.749	0.814	ND	0.465	ND	ND	ND	0.867
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SOIL	0.027	0.042	ND	ND	0.029	0.100	0.036	0.044	0.046	ND	0.094	ND	0.025	0.325	0.527
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.098	29.900	ND	ND	0.058	0.074	0.258	0.093	1.138	ND	29.415	ND	ND	2.312	1.913
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND
DCB	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURA	HQ_SOIL	2.042	ND	ND	0.003	ND	ND	ND	ND	ND	0.425	0.019	ND	ND	ND	0.793
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	0.184	0.298	ND	ND	ND	ND	0.426	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse										SWMU				
	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	14.466	31.511	ND	ND	7.580	21.512	26.658	28.121	ND	72.428	ND	ND	ND	32.710
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.002	ND	0.001	0.000	0.002	ND	0.001	ND	0.014	ND	0.001	0.050	0.005
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.004	0.046	ND	ND	ND	ND	ND	ND	0.046	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.096	ND	ND	ND	0.027	ND	0.213	ND	ND	0.305	ND	ND	ND	ND
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.013	0.115	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.008	0.012	ND	ND	0.006	0.007	0.011	0.014	ND	0.037	ND	ND	0.026	0.008
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.026	ND	ND	ND	0.003	ND	ND	ND	ND	0.001	0.095	0.001	0.031	1.362
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.175	27.964	0.181	0.018	0.532	6.363	0.294	33.365	ND	22.438	0.472	0.077	1.572	1.225
PCB_S	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	ND	ND	0.000	0.000	ND	ND	ND	ND	0.006	ND	0.001	0.006	0.000
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.081	12.595	ND	ND	ND	ND	ND	ND	9.840	ND	ND	ND	ND	ND
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.022	0.532	ND	ND	0.022	ND	ND	1.208	ND	3.256	ND	ND	ND	0.504
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.085	ND	ND	0.432	0.064
	HQ SOIL	0.040	ND	ND	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	5.061	2.503	ND	ND	1.260	ND	ND	ND	ND	ND	ND	ND	3.250	ND
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.224	ND	ND	ND	ND	0.350	0.469	0.455	ND	ND	ND	ND	ND	0.486

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group		SWMU														
Deer mouse		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
Pathway																
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.063	13.158	ND	ND	0.020	0.146	0.236	0.341	0.108	ND	0.979	ND	ND	1.641	0.450

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	SWMU													34
		19	20	21	22	23	25	26	27	28	29	30	31	32	
135TNB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ SOIL	0.089	ND	66.767	27.423	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.262
24D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ SOIL	0.000	ND	0.001	0.000	0.000	0.003	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	4.798	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.862	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ SOIL	0.059	ND	0.022	0.012	0.136	0.109	0.055	0.111	0.133	0.114	0.066	ND	ND	0.008
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ SOIL	0.181	ND	2.141	ND	0.242	0.296	ND	ND	ND	ND	0.430	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ DIET	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.006	0.025	0.733	ND	0.059	0.023	0.041	0.140	0.069	0.006	0.071	ND	0.004	0.002
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ DIET	0.647	ND	0.168	0.055	0.556	0.449	ND	ND	ND	ND	0.596	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ SOIL	0.027	0.034	0.682	0.004	0.174	0.066	0.134	0.545	0.051	0.092	0.232	ND	0.007	0.004
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.098	2.318	10.953	0.009	0.273	0.460	1.569	0.230	0.114	ND	0.185	ND	0.014	0.021
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DCB	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURA	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	2.042	ND	0.371	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.184	ND	0.029	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	19	20	21	22	23	25	26	27	28	29	30	31	32	34
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	14.466	37.750	16.310	15.496	2.154	22.348	67.083	ND	ND	ND	ND	23.264	ND	ND	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	0.001	0.000	ND	0.002	0.016	0.001	0.139	ND	ND	0.001	ND	ND	ND
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.096	ND	ND	0.067	ND	ND	0.140	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	0.013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NI	HQ_DIET	0.008	0.009	0.018	0.015	0.001	0.008	0.007	0.008	0.012	ND	ND	0.011	ND	ND	0.001
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	0.026	0.006	0.008	0.001	ND	0.082	ND	0.019	ND	ND	0.010	ND	0.013	0.000	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	0.175	0.912	9.666	28.745	0.022	0.990	5.276	1.844	2.996	0.618	0.361	1.114	0.239	0.040	0.120
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_S	HQ_DIET	0.006	ND	ND	ND	ND	0.254	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	0.001	0.001	0.001	0.000	ND	0.000	ND	ND	ND	0.001	ND	ND	0.000	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RDX	HQ_DIET	0.081	0.383	ND	0.044	2.029	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	0.022	ND	0.703	2.332	ND	ND	0.356	0.220	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	0.040	ND	ND	0.074	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	5.061	ND	2.357	2.580	ND	ND	ND	1.298	4.049	4.085	ND	ND	ND	ND	0.351
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.121	0.047	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	0.224	ND	ND	ND	ND	ND	0.890	ND	ND	ND	ND	0.411	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	SWMU													
		19	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	0.063	0.943	2.892	0.020	0.524	0.200	1.749	0.555	ND	0.246	0.277	ND	ND	0.058
	HQ SOIL	4.765	0.943	2.892	0.020	0.524	0.200	1.749	0.555	ND	0.246	0.277	ND	ND	0.058

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	SWMU											
		RSA	35	36	37	38	40	42	45	46	47		
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.089	ND	ND	0.044	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_SOIL	0.000	ND	0.000	ND	ND	0.000	0.004	0.001	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	4.798	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SOIL	0.059	0.430	0.070	ND	ND	0.118	0.153	0.346	0.008	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_DIET	0.001	ND	ND	ND	ND	ND	ND	1.928	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SOIL	0.181	ND	0.427	ND	ND	0.487	15.836	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_DIET	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_DIET	0.006	0.006	ND	0.007	0.003	0.012	0.113	0.045	0.005	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	0.001	0.038	ND	ND	ND	ND	ND	0.812	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.647	0.863	0.370	ND	ND	0.449	0.650	0.566	ND	ND	ND	ND
CO	HQ_DIET	0.027	ND	0.033	ND	ND	0.031	0.201	0.109	0.015	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	0.098	0.107	1.447	ND	0.042	0.200	17.522	0.490	0.036	ND	ND	ND
CR_CRHEX	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.027	ND	0.033	ND	ND	0.031	0.201	0.109	0.015	ND	ND	ND
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.098	0.107	1.447	ND	0.042	0.200	17.522	0.490	0.036	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DCB	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	0.000	0.002	ND	ND	ND	ND	0.008	0.027	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURA	HQ_SOIL	2.042	ND	ND	26.907	ND	ND	11.620	0.077	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ_DIET	0.184	ND	ND	ND	ND	ND	0.642	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_SOIL	0.000	0.013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	SWMU										
		35	36	37	38	40	42	45	46	47		
FE	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	14.466	24.189	ND	ND	17.834	24.556	ND	4.498	ND		
HG	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.001	ND	ND	0.000	0.001	0.002	0.003	0.001	0.003		
HMX	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.004	ND	ND	ND	0.101	ND	ND	ND	ND		
H_HE	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND		
LJN	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND		
MN	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND		
NB	HQ SOIL	0.096	ND	ND	ND	ND	0.112	ND	ND	ND		
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND		
NI	HQ SOIL	0.013	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.008	ND	ND	ND	0.007	0.034	0.013	0.002	ND		
NNDPA	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND		
PAH	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.026	ND	0.074	0.003	ND	0.014	0.046	ND	ND		
PB	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.175	2.634	0.221	0.068	0.796	73.963	2.205	0.327	1.725		
PCB_S	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.006	ND	ND	ND	ND	ND	ND	ND	ND		
PHENOL	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.000	ND	ND	0.000	ND	ND	ND	ND	ND		
PHTLAT	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.001	ND	0.000	0.000	ND	0.000	0.005	ND	ND		
RDX	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.081	ND	ND	ND	18.073	ND	ND	ND	ND		
SB	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.022	ND	ND	ND	ND	14.646	ND	0.015	0.386		
SE	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.040	ND	ND	ND	ND	ND	ND	ND	ND		
TL	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	5.061	ND	ND	0.900	ND	7.104	4.888	ND	ND		
TPHC	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	0.091	2.874		
V	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	HQ DIET	0.224	ND	ND	ND	0.393	ND	0.459	ND	ND		

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse (TEAD Historic) (continued)

Receptor Group	Deer mouse Pathway	RSA	SWMU								
			35	36	37	38	40	42	45	46	47
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.063	0.141	0.303	0.663	ND	0.109	1.602	0.473	0.045	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic)

Receptor Group	Mule deer Pathway	RSA	SWMU												15
			01	1b	1c	03	04	06	07	08	10	11	12	13	
135TNB	HQ_DIET**	ND ^(a)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.114	ND	ND	ND	ND
246TNT	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.020	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	3.821	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
AL	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.480	0.986	ND	ND	ND	ND	ND	0.241	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.008	ND	ND	ND	ND	ND	ND	0.005	ND	0.000	0.001	ND	0.000	0.006
AS	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	ND	ND	ND	ND	0.002	0.005	0.000	ND	0.000	0.001	ND	0.000	0.006
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.001
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
BA	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.024	0.189	ND	ND	ND	0.005	0.011	0.000	ND	0.001	ND	ND	0.002	0.015
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	0.001	0.016	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	0.001	0.002	0.002
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.083	0.057	ND	ND	0.000	0.006	0.020	0.001	ND	0.001	ND	ND	ND	0.028
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.002	0.003	ND	0.000	0.000	0.000	0.001	0.000	ND	0.000	ND	0.000	0.000	0.011
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ SOIL	0.008	2.093	ND	ND	0.000	0.000	0.002	0.002	0.001	ND	0.035	ND	ND	0.003	0.038
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	0.000	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.270	ND	0.000	ND	ND	ND	ND	ND	ND	0.001	0.000	ND	ND	ND	0.026
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.015	0.021	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.045	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.145	ND	ND	ND	1.091
	HQ SOIL	1.930	3.678	ND	ND	ND	0.003	0.267	0.727	0.024	ND	ND	ND	ND	ND	ND
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.005	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.013	ND	ND	ND	ND	0.000	ND	0.006	ND	ND	0.000	ND	ND	ND	ND
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU												
			01	1b	1c	03	04	06	07	08	10	11	12	13	14
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.001	0.001	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDPA	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.051	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.051	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	ND	ND	0.000	ND	ND	ND	ND	0.000	0.001	0.000	0.000	0.045
PB	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.045	0.005	0.001	0.003	0.041
	HQ_SOIL	0.023	3.254	ND	0.000	0.000	0.079	0.008	0.029	ND	0.045	0.005	0.001	0.003	0.041
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
	HQ_SOIL	0.000	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND
	HQ_SOIL	0.011	1.543	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND
	HQ_SOIL	0.011	1.543	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND
SE	HQ_SOIL	0.003	0.062	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.017
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	0.001	0.002
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.263	0.263	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.006	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.607	0.607	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
V	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SOIL	0.014	ND	ND	ND	ND	0.002	0.006	0.000	ND	ND	ND	ND	ND	0.008

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	SWMU												
		RSA	01	1b	1c	03	04	06	07	08	10	11	12	13
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
	HQ SOIL	0.004	0.737	ND	ND	0.000	0.000	0.001	0.004	0.000	ND	0.001	ND	0.002

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	SWMU													34
		19	20	21	22	23	25	26	27	28	29	30	31	32	
135TNB	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	0.014	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_SOIL	0.000	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.480	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.093	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_SOIL	0.008	ND	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001	ND	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.024	ND	0.001	ND	0.001	0.001	ND	ND	ND	ND	0.006	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
CD	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SURFWATR	0.001	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.001	ND	0.000	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.083	ND	0.000	0.000	0.000	0.001	ND	ND	ND	ND	0.008	ND	ND	ND
CR_CRHEX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SURFWATR	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.002	ND	0.000	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	19	20	21	22	23	25	26	27	28	29	30	31	32	34
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.008	0.002	0.005	0.002	0.000	0.000	0.000	0.019	0.000	0.000	ND	0.002	ND	0.000	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DCB	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIOXIN_FURA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.270	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ SOIL	0.015	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ SURFWATR	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	1.930	0.053	0.047	0.005	0.001	0.010	0.116	ND	ND	ND	ND	0.326	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HG	HQ SOIL	0.000	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HMX	HQ DIET	0.001	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ SURFWATR	0.013	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU												34				
			19	20	21	22	23	25	26	27	28	29	30	31		32			
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDPA	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_SOIL	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.023	0.001	0.028	0.010	0.000	0.000	0.009	0.037	0.001	0.001	0.004	0.016	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB_S	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RDX	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_SOIL	0.003	ND	0.002	0.001	ND	ND	0.001	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	ND	0.002	0.001	ND	ND	0.001	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	ND	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.607	ND	0.006	0.001	ND	ND	ND	0.023	0.002	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ_SOIL	0.607	ND	0.006	0.001	ND	ND	ND	0.023	0.002	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.607	ND	0.006	0.001	ND	ND	ND	0.023	0.002	0.004	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	SWMU													
		19	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	RSR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.004	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	ND	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	SWMU									
		35	36	37	38	40	42	45	46	47	
135TNB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
246TNT	HQ_SOIL	0.007	ND	0.000	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AG	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.000	0.000	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AL	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.480	ND	ND	ND	ND	ND	ND	ND	ND	
AS	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	
	HQ_SOIL	0.008	0.005	0.000	ND	0.002	0.004	0.001	0.000	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
A_D	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.004	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.001	ND	ND	
BA	HQ_SOIL	0.024	ND	ND	ND	0.010	0.381	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	
BE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
BZALC	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CD	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.001	ND	0.000	0.000	0.000	0.003	0.000	0.000	ND	
CLDN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.002	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CO	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.083	0.009	0.000	ND	0.009	0.015	0.002	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CR_CRHEX	HQ_SOIL	0.002	ND	0.000	ND	0.000	0.003	0.000	0.000	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.002	ND	0.000	ND	0.000	0.003	0.000	0.000	ND	

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	RSA	SWMU														
			35	36	37	38	40	42	45	46	47						
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.008	0.001	0.001	0.000	0.002	0.252	0.001	0.000	ND	ND	ND	ND	ND	ND	ND	
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	ND	ND	ND	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	
DIOXIN_FURA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.270	ND	0.013	ND	ND	0.278	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	
	HQ_SOIL	0.015	ND	ND	ND	ND	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	
	HQ_SOIL	1.930	0.285	0.024	ND	0.357	0.590	ND	0.002	ND	ND	ND	0.002	ND	ND	ND	
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
NB	HQ_DIET	0.013	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.000	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	SWMU									
		35	36	37	38	40	42	45	46	47	
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.001	ND	ND	ND	0.000	0.001	0.000	0.000	ND	
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	0.000	ND	0.000	0.000	ND	ND	
	HQ_SOIL	0.003	ND	0.000	0.000	ND	0.000	0.000	ND	ND	
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	0.000	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	
	HQ_SOIL	0.023	0.003	0.000	0.000	0.016	1.770	0.007	0.000	0.001	
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	0.000	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	0.000	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	
	HQ_SOIL	0.000	ND	0.000	0.000	ND	0.000	0.000	ND	ND	
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.011	ND	ND	ND	0.379	ND	ND	ND	ND	
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.003	ND	ND	ND	ND	0.351	ND	0.000	0.000	
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	0.000	ND	0.153	0.015	ND	ND	
	HQ_SOIL	0.607	ND	ND	ND	ND	ND	ND	ND	ND	
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.014	ND	ND	ND	0.004	ND	0.001	ND	ND	

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer (TEAD Historic) (continued)

Receptor Group	Mule deer Pathway	SWMU									
		RSA	35	36	37	38	40	42	45	46	47
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.004	0.001	0.000	0.000	ND	0.001	0.018	0.001	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic)

Receptor Group	Jackrabbit Pathway	RSA	SWMU												15	
			01	1b	1c	03	04	06	07	08	10	11	12	13		14
135TNB	HQ_DIET**	ND ^a	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.526	ND	ND	ND	ND	ND
	HQ_SOIL	0.020	12.103	ND	ND	ND	ND	ND	ND	0.220	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_SURFWATR	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.001	0.000	0.000
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND
	HQ_SURFWATR	1.064	2.497	ND	ND	ND	ND	ND	2.073	ND	ND	ND	ND	ND	ND	ND
AS	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.052	ND	0.002	0.009	ND	0.003	0.069	0.069
	HQ_SOIL	0.022	ND	ND	ND	0.000	0.026	ND	0.001	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.000	ND	ND	ND	0.007
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.116	ND	0.005	ND	ND	0.017	0.165	0.165
BE	HQ_SOIL	0.067	0.598	ND	ND	ND	0.000	0.053	0.004	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	0.002	0.051	0.000	0.000	0.000	0.002	0.003	ND	ND	0.003	ND	ND	0.009	0.017	0.017
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SURFWATR	0.230	0.182	ND	0.000	0.001	0.067	0.211	0.007	ND	0.010	ND	ND	ND	ND	0.299
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SOIL	0.006	0.009	ND	0.000	0.000	0.003	0.008	0.000	ND	0.001	ND	0.002	0.004	0.113	0.113

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SWMU													
			01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009	ND	ND	ND	ND
	HQ_SOIL	0.022	6.628	ND	0.000	0.000	0.021	0.016	0.006	ND	0.380	ND	ND	0.029	0.412	0.412
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DCB	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.747	ND	0.000	ND	ND	ND	ND	ND	0.006	0.000	ND	ND	ND	ND	0.284
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND	ND
DN_TOL	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND
	HQ_SOIL	0.041	0.066	ND	ND	ND	0.034	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	5.347	11.648	ND	ND	ND	2.872	7.826	0.262	ND	0.210	ND	ND	ND	ND	11.739
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HG	HQ_SOIL	0.000	0.001	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	0.000	0.001	0.001	0.001
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	0.017	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.036	ND	ND	0.000	0.000	ND	0.063	ND	ND	0.002	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.004	0.032	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	SVMU												15	
			01	1b	1c	03	04	06	07	08	10	11	12	13		14
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
	HQ_SOIL	0.003	0.004	ND	ND	0.000	0.001	0.003	0.000	ND	0.001	ND	ND	ND	0.001	0.003
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.235	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.010	0.000	0.001	0.486	
	HQ_SOIL	0.010	ND	ND	ND	0.000	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.482	0.051	0.008	0.033	0.438	
	HQ_SOIL	0.065	10.306	0.001	0.000	0.002	0.847	0.086	0.310	ND	ND	ND	ND	ND	ND	ND
PCB_S	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	0.000
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	0.000
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.048	ND	ND	ND	ND	ND
	HQ_SOIL	0.031	4.886	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.009	ND	ND	ND	ND	ND
	HQ_SOIL	0.008	0.197	ND	ND	0.000	ND	ND	0.011	ND	0.070	ND	ND	ND	ND	0.181
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.030	ND	ND	ND	ND	ND
	HQ_SOIL	0.011	ND	ND	0.000	ND	ND	ND	ND	ND	0.001	ND	ND	ND	0.007	0.017
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.683	0.832	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	0.062	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.050	ND	ND	ND	ND	ND	0.083	0.003	ND	ND	ND	ND	ND	ND	0.105

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	SWMU														
		01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	
ZN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012	ND	ND	ND	ND	
	HQ_SOIL	0.014	2.917	ND	ND	0.000	0.019	0.060	0.001	ND	0.013	ND	ND	0.021	0.097	

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	19	20	21	22	23	25	26	27	28	29	30	31	32	34
135TNB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.020	ND	ND	0.151	0.062	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	1.064	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.801	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.022	ND	0.001	0.000	0.000	0.001	0.002	0.012	0.001	0.002	0.012	0.010	ND	0.000	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.067	ND	0.035	0.001	ND	0.003	0.006	ND	ND	ND	ND	0.065	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ DIET	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.002	0.000	0.003	0.003	ND	0.000	0.000	0.009	0.001	0.001	0.001	0.011	ND	0.000	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.230	ND	ND	0.001	0.000	0.002	0.008	ND	ND	ND	ND	0.086	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.006	0.000	0.001	0.002	0.000	0.000	0.001	0.017	0.002	0.000	0.006	0.021	ND	0.000	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	19	20	21	22	23	25	26	27	28	29	30	31	32	34
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.022	0.021	0.052	0.025	0.000	0.001	0.005	0.203	0.001	0.001	ND	0.017	ND	0.000	0.000
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
DIOXIN_FURAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.747	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.041	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	5.347	0.569	0.503	0.058	0.008	0.104	1.252	ND	ND	ND	ND	3.506	ND	ND	ND
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	ND
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.002	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ DIET	0.036	ND	ND	0.000	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	RSA	19	20	21	22	23	25	26	27	28	29	30	31	32	34
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.003	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.000	ND	ND	0.002	ND	ND	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NNDPA	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.010	0.000	0.000	0.000	0.000	0.000	ND	0.004	ND	ND	0.001	ND	0.000	0.000	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	0.005	0.098	0.396	0.014	0.008	0.039	0.167	0.003	0.000	0.000
	HQ SOIL	0.065	0.014	0.297	0.108	0.000	0.005	0.098	0.396	0.014	0.008	0.039	0.167	0.003	0.000	0.000
PCB_S	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.002	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	0.000	ND	ND	0.000	ND	ND
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.031	0.006	ND	0.000	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ SOIL	0.008	ND	0.022	0.009	ND	ND	0.007	0.047	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.011	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	1.683	ND	0.065	0.009	ND	ND	ND	0.251	0.017	0.045	ND	ND	ND	ND	0.001
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
V	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.003	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.050	ND	ND	ND	ND	ND	0.010	ND	ND	ND	ND	0.037	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	SWMU													
		19	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	0.043	0.017	0.007	0.000	0.002	0.226	0.002	ND	0.016	0.025	ND	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabblit Pathway	SWMU									
		35	36	37	38	40	42	45	46	47	
135TNB	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
246TNT	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24D	HQ_SOIL	0.020	ND	0.000	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AG	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AL	HQ_SOIL	0.000	0.000	ND	ND	0.000	0.001	0.000	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
AS	HQ_SOIL	1.064	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.001	ND	ND	
A_D	HQ_SOIL	0.022	0.001	ND	ND	0.025	0.040	0.012	0.000	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.042	ND	ND	
BA	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	0.004	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
BE	HQ_SOIL	0.067	0.005	ND	ND	0.105	4.100	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
BZALC	HQ_SOIL	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CD	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CLDN	HQ_SOIL	0.002	ND	0.000	0.000	0.002	0.029	0.002	0.000	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CO	HQ_SOIL	0.000	ND	ND	ND	ND	ND	0.017	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
CR_CRHEX	HQ_SOIL	0.230	0.004	ND	ND	0.093	0.161	0.019	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.006	0.000	ND	ND	0.004	0.031	0.002	0.000	ND	

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbitt (TEAD Historic) (continued)

Receptor Group	Jackrabbitt Pathway	RSA	35	36	37	SWMU 38	40	42	45	46	47
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.022	0.008	0.009	ND	0.000	0.026	2.715	0.011	0.000	ND
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.000	ND	ND	ND	ND	0.002	0.001	ND	ND
DIOXIN_FURAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.747	ND	ND	0.135	ND	ND	2.997	0.003	ND	ND
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.041	ND	ND	ND	ND	ND	0.099	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
	HQ SOIL	5.347	3.066	0.260	ND	ND	3.840	6.345	ND	0.017	ND
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.002	ND	ND	ND	ND	0.022	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.036	ND	ND	ND	ND	ND	0.029	0.000	ND	ND
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	SWMU									
		35	36	37	38	40	42	45	46	47	
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.003	ND	ND	ND	0.001	0.009	0.000	0.000	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
NNDPA	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PAH	HQ_SOIL	0.010	ND	0.000	0.000	ND	0.004	0.002	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.010	ND	0.000	0.000	ND	0.004	0.002	ND	ND	
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	
	HQ_SOIL	0.065	0.028	0.001	0.000	0.171	19.054	0.079	0.001	0.011	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PCB_s	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.002	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHENOL	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.000	ND	ND	
	HQ_SOIL	0.000	ND	0.000	0.000	ND	0.000	0.000	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
RDX	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.031	ND	ND	ND	4.084	ND	ND	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB	HQ_SOIL	0.008	ND	ND	ND	ND	ND	ND	ND	0.002	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.011	ND	ND	ND	ND	ND	ND	ND	ND	
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	1.683	ND	ND	0.003	ND	1.651	0.158	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TL	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.050	ND	ND	ND	0.051	ND	0.010	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TPHC	HQ_SOIL	0.050	ND	ND	ND	0.051	ND	0.010	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.050	ND	ND	ND	0.051	ND	0.010	ND	ND	
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.050	ND	ND	ND	0.051	ND	0.010	ND	ND	
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit (TEAD Historic) (continued)

Receptor Group	Jackrabbit Pathway	SWMU								
		35	36	37	38	40	42	45	46	47
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.010	0.002	0.002	ND	0.014	0.248	0.010	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic)

Receptor Group	Kit fox Pathway	RSA	SWMU													
			01	1b	1c	03	04	06	07	08	10	11	12	13	14	15
135TNB	HQ_DIET**	ND ⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.190	ND	ND	ND	ND	ND
246TNT	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.055	2.444	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	0.000	ND	0.000	ND	0.000	ND	0.000	ND	ND	0.000	0.000	0.000
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	0.246	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	1.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND
AS	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	0.005	0.000	ND	0.000	0.001	ND	0.000	0.007
	HQ_DIET	0.099	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	0.000
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND
BA	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.011	0.000	ND	0.001	ND	ND	0.002	0.016
	HQ_SOIL	0.301	0.193	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ_SOIL	0.001	0.000	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ_SURFWATR	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ_SOIL	0.011	0.017	ND	0.000	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.001	0.002	0.002
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
CO	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	1.294	0.073	ND	0.000	0.000	0.008	0.025	0.001	ND	0.001	ND	ND	ND	ND	0.035
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	0.022	0.002	ND	0.000	0.000	0.000	0.001	0.000	ND	0.000	ND	0.000	0.000	0.000	0.009

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Pathway	RSA	SWMU													Kit fox
			01	1b	1c	03	04	06	07	08	10	11	12	13	14	
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND
	HQ_SOIL	0.078	1.716	ND	0.000	0.000	0.002	0.001	0.000	ND	0.029	ND	ND	0.002	ND	0.031
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	3.368	ND	0.000	ND	ND	ND	ND	ND	0.001	0.000	ND	ND	ND	ND	0.027
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND
	HQ_SOIL	0.111	0.013	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HG	HQ_DIET	24.046	3.754	ND	ND	ND	0.003	0.272	0.742	0.025	ND	0.121	ND	ND	ND	1.113
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.148	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
HMX	HQ_DIET	0.001	0.000	ND	0.000	0.000	0.000	ND	ND	0.000	0.000	ND	ND	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ_DIET	0.007	0.005	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SURFWATR	0.160	ND	ND	ND	ND	ND	0.006	ND	ND	0.001	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	0.010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Pathway	RSA	SWMU												
			01	1b	1c	03	04	06	07	08	10	11	12	13	14
NI	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND
	HQ_SOIL	0.014	0.001	ND	ND	0.000	0.000	0.000	0.000	ND	0.000	ND	ND	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.138	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001	0.000	0.000	0.047
	HQ_SOIL	0.044	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.046	0.005	0.001	0.003	0.042
	HQ_SOIL	0.291	3.330	0.000	0.000	0.000	0.081	0.008	0.030	ND	ND	ND	0.001	ND	ND
PCB_s	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
PHENOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
	HQ_SOIL	0.001	ND	ND	0.000	0.000	ND	ND	ND	ND	0.000	ND	ND	ND	ND
RDX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.028	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND
	HQ_SOIL	0.142	1.579	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	0.017
	HQ_SOIL	0.037	0.064	ND	ND	0.000	ND	ND	0.001	ND	ND	0.017	ND	ND	ND
SE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.002
	HQ_SOIL	0.050	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.006	ND
	HQ_SOIL	7.587	0.269	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	ND
V	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.220	ND	ND	ND	ND	0.003	0.008	0.000	ND	ND	ND	ND	ND	0.010

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor		SWMU														
Group	Kit fox															
	Pathway	01	1b	1c	03	04	06	07	08	10	11	12	13	14	15	
ZN	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	
	HQ SOIL	0.063	0.943	ND	ND	0.000	0.000	0.006	0.000	ND	0.001	ND	ND	0.002	0.009	

** Dietary pathway component not included in TEAD historic data set, only surface water, soil and sediment.

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	SWMU													34
		19	20	21	22	23	25	26	27	28	29	30	31	32	
133TNB	RSA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24D	HQ SOIL	0.055	ND	0.009	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AL	HQ SOIL	0.000	ND	0.000	0.000	0.000	0.000	0.000	ND	ND	ND	ND	ND	ND	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ SOIL	5.992	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.095	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A_D	HQ SOIL	0.099	ND	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001	ND	0.000	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ SOIL	0.301	ND	0.001	ND	0.002	0.001	ND	ND	ND	ND	0.006	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ SOIL	0.001	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	0.000	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CLDN	HQ SOIL	0.011	0.000	0.000	ND	0.000	0.000	0.001	0.000	0.000	0.000	0.001	ND	0.000	0.000
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CO	HQ SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CR_CRHEX	HQ SOIL	1.294	ND	0.000	0.000	0.000	0.001	ND	ND	ND	ND	0.010	ND	ND	ND
	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.022	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.002	ND	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU											31	32	34
			19	20	21	22	23	25	26	27	28	29	30			
CU	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.078	0.002	0.004	0.002	0.000	0.000	0.000	0.015	0.000	0.000	ND	0.001	ND	0.000	0.000
DCB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND	ND	0.000
DIOXIN_FURAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	3.368	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DN_TOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.111	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
E_I	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	24.046	0.034	0.048	0.006	0.001	0.010	0.119	ND	ND	ND	ND	0.333	ND	ND	ND
HG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	ND	0.000	0.000	ND	0.000	0.000	0.000	0.000	ND	ND	0.000	ND	ND	ND
HMX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.007	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.160	ND	ND	0.000	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	SWMU												30	31	32	34
			19	20	21	22	23	25	26	27	28	29						
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.000	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.044	0.000	0.000	ND	ND	ND	0.000	ND	ND	ND	0.000	ND	0.000	0.000	0.000	ND	
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.000	ND	0.000	ND	ND	ND	ND	0.038	0.001	0.001	0.004	0.016	0.000	0.000	0.000	0.000	
PCB_S	HQ DIET	0.291	0.001	0.028	0.010	0.000	0.000	0.009	0.000	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.007	ND	ND	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.001	0.000	0.000	0.000	0.000	ND	ND	ND	0.000	0.000	ND	ND	0.000	ND	ND	ND	
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.142	0.001	0.000	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.037	ND	0.002	0.001	ND	ND	0.001	0.005	ND	ND	ND	ND	ND	ND	ND	ND	
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.050	ND	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	7.587	ND	0.006	0.001	ND	ND	ND	0.024	0.002	0.004	ND	ND	ND	ND	ND	0.000	
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	ND	
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ SOIL	0.220	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	0.003	ND	ND	ND	ND	

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kft fox Pathway	RSA	SWMU													
			19	20	21	22	23	25	26	27	28	29	30	31	32	34
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.063	0.004	0.002	0.001	0.000	0.000	0.000	0.021	0.000	ND	0.002	0.002	ND	ND	0.000

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSA	35	36	37	38	40	42	45	46	47
135TNB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.055	ND	ND	0.000	ND	ND	ND	ND	ND	ND
24D	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AG	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	0.000	ND	ND	0.000	0.000	0.000	ND	ND
AL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	5.992	ND	ND	ND	ND	ND	ND	ND	ND	ND
AS	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
A D	HQ DIET	0.099	0.005	0.000	ND	ND	0.002	0.004	0.001	0.000	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BA	HQ DIET	0.001	ND	ND	ND	ND	ND	ND	0.002	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BE	HQ DIET	0.301	ND	0.000	ND	ND	0.010	0.388	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BZALC	HQ DIET	0.001	ND	ND	ND	ND	ND	0.000	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
CD	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.011	0.000	ND	0.000	0.000	0.000	0.003	0.000	0.000	ND
CLDN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.001	0.000	ND	ND	ND	ND	ND	0.002	ND	ND
CO	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	1.294	0.012	0.000	ND	ND	0.011	0.019	0.002	ND	ND
CR_CRHEX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.022	ND	0.000	ND	ND	0.000	0.002	0.000	0.000	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	RSR	35	36	37	38	40	42	45	46	47
CU	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.078	0.001	0.001	ND	0.000	0.002	0.207	0.001	0.000	ND
DCB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND
DDT_R	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	0.000	0.000	ND	ND
DIOXIN_FURAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	3.368	ND	ND	0.013	ND	ND	0.285	0.000	ND	ND
DN_TOL	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.111	ND	ND	ND	ND	ND	0.006	ND	ND	ND
E_I	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.000	0.000	ND	ND	ND	ND	ND	ND	ND	ND
ENDOSULFAN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND
	HQ_SOIL	24.046	0.291	0.025	ND	ND	0.364	0.602	ND	0.000	ND
HG	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.001	ND	ND	ND	0.000	0.000	0.000	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.007	ND	ND	ND	ND	0.002	ND	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LIN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MN	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	0.003	ND	ND	ND
	HQ_SOIL	0.160	ND	ND	ND	ND	ND	ND	ND	ND	ND
NB	HQ_DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ_SOIL	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	SWMU									
		RSA	35	36	37	38	40	42	45	46	47
NI	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.014	ND	ND	ND	ND	0.000	0.001	0.000	0.000	ND
NNDPA	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAH	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.044	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
PB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SOIL	0.291	0.005	0.003	0.000	0.000	0.016	1.812	0.008	0.000	0.001
PCB_S	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND
PHENOL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	0.000	ND	ND	ND	0.000	ND	ND	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND	ND	ND	ND	ND	0.000	ND	ND
	HQ SURFWATR	0.001	ND	ND	0.000	0.000	ND	0.000	0.000	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RDX	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.142	ND	ND	ND	ND	0.388	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.037	ND	ND	ND	ND	ND	0.360	ND	0.000	0.000
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SE	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TL	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	7.587	ND	ND	ND	0.000	ND	0.157	0.015	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPHC	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	0.000	0.001
V	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HQ SURFWATR	0.220	ND	ND	ND	ND	0.005	ND	0.001	ND	ND
	HQ SOIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox (TEAD Historic) (continued)

Receptor Group	Kit fox Pathway	SWMU									
		35	36	37	38	40	42	45	46	47	
ZN	HQ DIET	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SURFWATR	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	HQ_SOIL	0.063	0.001	0.000	0.000	ND	0.001	0.024	0.001	0.000	

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - ESA Basis

Receptor Group	Passerines Pathway	RSA	ESA-1	ESA-2
135TNB	HQ DIET	ND ^(a)	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
24D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AG	HQ DIET	0.056	0.054	0.057
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.023	0.023	0.023
AL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AS	HQ DIET	0.124	0.373	0.336
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.436	1.250	0.906
A_D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.002	0.077	0.009
BA	HQ DIET	0.604	3.004	1.013
	HQ SURFWATR	ND	0.001	0.001
	HQ SOIL	0.600	2.196	1.241
BE	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.005	0.004	0.003
BZALC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.011	0.718	0.011
CD	HQ DIET	2.596	5.090	8.226
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.662	5.759	5.753
CLDN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.003	0.077	0.007
CO	HQ DIET	0.001	0.001	0.001
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.005	0.006	0.004
CR_CRHEX	HQ DIET	2.040	2.072	1.533
	HQ SURFWATR	ND	ND	0.018
	HQ SOIL	6.819	17.503	11.277
CU	HQ DIET	0.957	1.786	3.008
	HQ SURFWATR	ND	ND	0.002
	HQ SOIL	0.225	1.136	9.712
DCB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
DDT_R	HQ DIET	1.368	1.912	2.287
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.041	0.501	0.143
DIOXIN_FURAN	HQ DIET	10.617	1.232	62.806
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	8.202	8.194	3.955
DN_TOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - ESA Basis (continued)

Receptor Group	Passerines Pathway	RSA	ESA-1	ESA-2
E_I	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.246	2.443	0.360
ENDOSULFAN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.004	0.004	0.004
FE	HQ DIET	2.203	1.818	1.568
	HQ SURFWATR	ND	0.000	0.014
	HQ SOIL	19.604	20.190	35.728
HG	HQ DIET	0.033	0.039	0.038
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.010	0.029	0.053
HMX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.004	0.042	0.007
LIN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.012	0.001
MN	HQ DIET	0.227	0.175	0.152
	HQ SURFWATR	ND	0.000	0.001
	HQ SOIL	0.422	0.434	0.419
NB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
NI	HQ DIET	0.166	0.166	0.149
	HQ SURFWATR	ND	ND	0.001
	HQ SOIL	0.248	0.412	0.329
NNDPA	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PAH	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PB	HQ DIET	3.565	24.415	24.849
	HQ SURFWATR	ND	0.000	0.002
	HQ SOIL	1.303	22.864	19.149
PCB_S	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.351	3.517	0.351
PHENOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.001	0.003
	HQ SOIL	0.229	6.659	0.142
RDX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
SB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
SE	HQ DIET	3.350	2.606	3.207
	HQ SURFWATR	ND	ND	0.013
	HQ SOIL	0.248	0.414	0.351
TL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	49.233	49.233	49.233

Exposure Pathway Hazard Quotients (HQs) for Passerine Birds - ESA Basis (continued)

Receptor Group	Passerines Pathway	RSA	ESA-1	ESA-2
TPHC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
V	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
ZN	HQ DIET	7.303	8.804	17.260
	HQ SURFWATR	ND	ND	0.021
	HQ SOIL	1.277	5.047	8.056

^{a)}No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel - ESA Basis

Receptor Group	American Kestrel Pathway	RSA	ESA-1	ESA-2
135TNB	HQ DIET	ND ^(a)	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
24D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AG	HQ DIET	0.014	0.002	0.005
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.001
AL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AS	HQ DIET	0.025	0.014	0.030
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.025	0.012	0.020
A_D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.001	0.000
BA	HQ DIET	0.092	0.010	0.064
	HQ SURFWATR	ND	0.001	0.001
	HQ SOIL	0.034	0.021	0.027
BE	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
BZALC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.007	0.000
CD	HQ DIET	0.456	0.109	0.430
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.037	0.056	0.125
CLDN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.001	0.000
CO	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CR_CRHEX	HQ DIET	0.458	0.072	0.089
	HQ SURFWATR	ND	ND	0.017
	HQ SOIL	0.386	0.171	0.245
CU	HQ DIET	0.211	0.079	0.309
	HQ SURFWATR	ND	ND	0.002
	HQ SOIL	0.013	0.011	0.211
DCB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
DDT_R	HQ DIET	0.102	0.051	0.153
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.002	0.005	0.003
DIOXIN_FURAN	HQ DIET	3.111	0.037	7.378
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.464	0.080	0.086
DN_TOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel - ESA Basis (continued)

Receptor Group	American Kestrel Pathway	RSA	ESA-1	ESA-2
E_I	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.014	0.024	0.008
ENDOSULFAN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
FE	HQ DIET	0.489	0.069	0.103
	HQ SURFWATR	ND	0.000	0.013
	HQ SOIL	1.109	0.197	0.776
HG	HQ DIET	0.007	0.001	0.004
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.001	0.000	0.001
HMX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
LIN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
MN	HQ DIET	0.021	0.003	0.006
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.024	0.004	0.009
NB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
NI	HQ DIET	0.022	0.005	0.005
	HQ SURFWATR	ND	ND	0.001
	HQ SOIL	0.014	0.004	0.007
NNDPA	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PAH	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PB	HQ DIET	0.212	0.224	0.540
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.015	0.045	0.083
PCB_S	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.020	0.034	0.008
PHENOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.001	0.003
	HQ SOIL	0.013	0.065	0.003
RDX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
SB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
SE	HQ DIET	0.705	0.059	0.270
	HQ SURFWATR	ND	ND	0.011
	HQ SOIL	0.014	0.004	0.008
TL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	2.785	0.480	1.070

Exposure Pathway Hazard Quotients (HQs) for the American Kestrel - ESA Basis (continued)

Receptor Group	American Kestrel Pathway	RSA	ESA-1	ESA-2
TPHC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
V	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
ZN	HQ DIET	1.934	0.377	1.633
	HQ SURFWATR	ND	ND	0.019
	HQ SOIL	0.072	0.049	0.175

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - ESA Basis

Receptor Group	Great Horned Owl Pathway	RSA	ESA-1	ESA-2
135TNB	HQ DIET	ND ^(a)	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
24D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AG	HQ DIET	0.008	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
AL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AS	HQ DIET	0.007	0.000	0.000
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.009	0.000	0.001
A_D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
BA	HQ DIET	0.053	0.000	0.003
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.012	0.001	0.001
BE	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
BZALC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CD	HQ DIET	0.067	0.002	0.010
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.013	0.001	0.003
CLDN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CO	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CR_CRHEX	HQ DIET	0.168	0.002	0.001
	HQ SURFWATR	ND	ND	0.002
	HQ SOIL	0.137	0.005	0.006
CU	HQ DIET	0.025	0.002	0.011
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.005	0.000	0.006
DCB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
DDT_R	HQ DIET	0.030	0.001	0.003
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000
DIOXIN_FURAN	HQ DIET	0.119	0.001	0.333
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.165	0.002	0.002
DN_TOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - ESA Basis (continued)

Receptor Group	Great Horned Owl Pathway	RSA	ESA-1	ESA-2
E_I	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.005	0.001	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
FE	HQ DIET	0.154	0.002	0.002
	HQ SURFWATR	ND	0.000	0.001
	HQ SOIL	0.395	0.005	0.021
HG	HQ DIET	0.003	0.000	0.000
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
LIN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
MN	HQ DIET	0.004	0.000	0.000
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.009	0.000	0.000
NB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
NI	HQ DIET	0.002	0.000	0.000
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.005	0.000	0.000
NNDPA	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PAH	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PB	HQ DIET	0.737	0.058	0.138
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.026	0.006	0.011
PCB_S	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.007	0.001	0.000
PHENOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.005	0.002	0.000
RDX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
SB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
SE	HQ DIET	0.370	0.001	0.010
	HQ SURFWATR	ND	ND	0.001
	HQ SOIL	0.005	0.000	0.000
TL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.993	0.013	0.028

Exposure Pathway Hazard Quotients (HQs) for the Great Horned Owl - ESA Basis (continued)

Receptor Group	Great Horned Owl Pathway	RSA	ESA-1	ESA-2
TPHC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
V	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
ZN	HQ DIET	0.412	0.006	0.056
	HQ SURFWATR	ND	ND	0.002
	HQ SOIL	0.026	0.001	0.005

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - ESA Basis

Receptor Group	Golden Eagle Pathway	RSA	ESA-1	ESA-2
135TNB	HQ DIET	ND ^(a)	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
24D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AG	HQ DIET	0.015	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000
AL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AS	HQ DIET	0.014	0.000	0.000
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.018	0.001	0.001
A_D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
BA	HQ DIET	0.106	0.001	0.005
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.024	0.001	0.001
BE	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
BZALC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CD	HQ DIET	0.124	0.003	0.019
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.025	0.003	0.006
CLDN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CO	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CR_CRHEX	HQ DIET	0.336	0.004	0.001
	HQ SURFWATR	ND	ND	0.003
	HQ SOIL	0.275	0.009	0.013
CU	HQ DIET	0.049	0.004	0.021
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.009	0.001	0.011
DCB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
DDT_R	HQ DIET	0.030	0.001	0.003
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000
DIOXIN_FURAN	HQ DIET	0.238	0.002	0.667
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.331	0.004	0.005
DN_TOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - ESA Basis (continued)

Receptor Group	Golden Eagle Pathway	RSA	ESA-1	ESA-2
E_I	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.009	0.001	0.000
ENDOSULFAN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
FE	HQ_DIET	0.309	0.004	0.004
	HQ_SURFWATR	ND	0.000	0.002
	HQ_SOIL	0.791	0.010	0.041
HG	HQ_DIET	0.006	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.000	0.000	0.000
HMX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
H_HE	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
LIN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
MN	HQ_DIET	0.009	0.000	0.000
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.017	0.000	0.000
NB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
NI	HQ_DIET	0.005	0.000	0.000
	HQ_SURFWATR	ND	ND	0.000
	HQ_SOIL	0.010	0.000	0.000
NNDPA	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PAH	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PB	HQ_DIET	1.181	0.093	0.221
	HQ_SURFWATR	ND	0.000	0.000
	HQ_SOIL	0.042	0.009	0.018
PCB_S	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.014	0.002	0.000
PHENOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
PHTLAT	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.000	0.001
	HQ_SOIL	0.009	0.003	0.000
RDX	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
SE	HQ_DIET	0.688	0.002	0.018
	HQ_SURFWATR	ND	ND	0.002
	HQ_SOIL	0.009	0.000	0.000
TL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	2.482	0.032	0.071

Exposure Pathway Hazard Quotients (HQs) for the Golden Eagle - ESA Basis (continued)

Receptor Group	Golden Eagle Pathway	RSA	ESA-1	ESA-2
TPHC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
V	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
ZN	HQ_DIET	0.824	0.011	0.113
	HQ_SURFWATR	ND	ND	0.003
	HQ_SOIL	0.052	0.003	0.009

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - ESA Basis

Receptor Group	Bald Eagle Pathway	RSA	ESA-1	ESA-2
135TNB	HQ DIET	ND ^(a)	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
246TNT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
24D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AG	HQ DIET	0.015	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000
AL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AS	HQ DIET	0.014	0.000	0.000
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.018	0.001	0.001
A_D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
BA	HQ DIET	0.106	0.001	0.005
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.024	0.001	0.001
BE	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
BZALC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CD	HQ DIET	0.124	0.003	0.019
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.025	0.003	0.006
CLDN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CO	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CR_CRHEX	HQ DIET	0.336	0.004	0.001
	HQ SURFWATR	ND	ND	0.003
	HQ SOIL	0.275	0.009	0.013
CU	HQ DIET	0.049	0.004	0.021
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.009	0.001	0.011
DCB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
DDT_R	HQ DIET	0.012	0.000	0.001
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ DIET	0.238	0.002	0.667
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.331	0.004	0.005
DN_TOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - ESA Basis (continued)

Receptor Group	Bald Eagle Pathway	RSA	ESA-1	ESA-2
E_I	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.009	0.001	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
FE	HQ DIET	0.309	0.004	0.004
	HQ SURFWATR	ND	0.000	0.002
	HQ SOIL	0.791	0.010	0.041
HG	HQ DIET	0.006	0.000	0.000
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
H_HE	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
LIN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
MN	HQ DIET	0.009	0.000	0.000
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.017	0.000	0.000
NB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
NI	HQ DIET	0.005	0.000	0.000
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.010	0.000	0.000
NNDPA	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PAH	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PB	HQ DIET	1.181	0.093	0.221
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.042	0.009	0.018
PCB_S	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.014	0.002	0.000
PHENOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
PHTLAT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.000	0.001
	HQ SOIL	0.009	0.003	0.000
RDX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
SB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
SE	HQ DIET	0.688	0.002	0.018
	HQ SURFWATR	ND	ND	0.002
	HQ SOIL	0.009	0.000	0.000

Exposure Pathway Hazard Quotients (HQs) for the Bald Eagle - ESA Basis (continued)

Receptor Group	Bald Eagle Pathway	RSA	ESA-1	ESA-2
TL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	2.482	0.032	0.071
TPHC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
V	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
ZN	HQ DIET	0.824	0.011	0.113
	HQ SURFWATR	ND	ND	0.003
	HQ SOIL	0.052	0.003	0.009

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - ESA Basis

Receptor Group	Deer Mouse Pathway	RSA	ESA-1	ESA-2
135TNB	HQ DIET	ND ^(a)	ND	ND
	HQ SOIL	ND	ND	ND
246TNT	HQ DIET	11.624	6.589	9.825
	HQ SOIL	0.089	0.089	0.089
24D	HQ DIET	1.616	0.976	0.916
	HQ SOIL	ND	ND	ND
AG	HQ DIET	0.002	0.001	0.002
	HQ SOIL	0.000	0.000	0.000
AL	HQ DIET	2.720	1.720	2.274
	HQ SOIL	4.798	4.889	4.256
AS	HQ DIET	0.083	0.312	0.278
	HQ SOIL	0.059	0.170	0.123
A_D	HQ DIET	ND	ND	ND
	HQ SOIL	0.001	0.048	0.006
BA	HQ DIET	0.723	5.735	1.212
	HQ SOIL	0.181	0.664	0.375
BE	HQ DIET	0.000	0.000	0.000
	HQ SOIL	0.000	0.000	0.000
BZALC	HQ DIET	ND	ND	ND
	HQ SOIL	0.000	0.004	0.000
CD	HQ DIET	0.145	0.283	0.418
	HQ SOIL	0.006	0.056	0.056
CLDN	HQ DIET	ND	ND	ND
	HQ SOIL	0.001	0.025	0.003
CO	HQ DIET	0.487	0.604	0.477
	HQ SOIL	0.647	0.720	0.569
CR_CRHEX	HQ DIET	0.034	0.036	0.038
	HQ SOIL	0.027	0.070	0.045
CU	HQ DIET	2.400	3.096	3.790
	HQ SOIL	0.098	0.494	4.220
DCB	HQ DIET	ND	ND	ND
	HQ SOIL	0.000	0.021	0.000
DDT_R	HQ DIET	0.004	0.006	0.007
	HQ SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ DIET	19.852	4.237	75.435
	HQ SOIL	2.042	2.044	0.984
DN_TOL	HQ DIET	ND	ND	ND
	HQ SOIL	0.184	0.433	0.184
E_I	HQ DIET	ND	ND	ND
	HQ SOIL	0.000	0.001	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND
	HQ SOIL	ND	ND	ND
FE	HQ DIET	7.285	5.253	6.188
	HQ SOIL	14.466	14.898	26.364
HG	HQ DIET	0.012	0.018	0.016
	HQ SOIL	0.001	0.003	0.005
HMX	HQ DIET	ND	ND	ND
	HQ SOIL	0.004	0.004	0.004
H_HE	HQ DIET	ND	ND	ND
	HQ SOIL	ND	ND	ND
LIN	HQ DIET	ND	ND	ND
	HQ SOIL	ND	ND	ND
MN	HQ DIET	0.308	0.232	0.223
	HQ SOIL	0.096	0.099	0.095
NB	HQ DIET	ND	ND	ND
	HQ SOIL	0.013	0.013	0.013
NI	HQ DIET	0.035	0.032	0.032
	HQ SOIL	0.008	0.014	0.011

Exposure Pathway Hazard Quotients (HQs) for the Deer Mouse - ESA Basis (continued)

Receptor Group	Deer Mouse Pathway	RSA	ESA-1	ESA-2
NNDPA	HQ DIET	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
PAH	HQ DIET	0.003	0.014	0.011
	HQ SOIL	0.026	1.197	2.890
PB	HQ DIET	0.236	3.625	2.848
	HQ SOIL	0.175	3.075	2.575
PCB_S	HQ DIET	ND	ND	ND
	HQ SOIL	0.006	0.062	0.006
PHENOL	HQ DIET	ND	ND	ND
	HQ SOIL	0.000	0.001	0.000
PHTLAT	HQ DIET	ND	ND	ND
	HQ SOIL	0.001	0.025	0.001
RDX	HQ DIET	10.151	11.581	151.566
	HQ SOIL	0.081	0.081	0.081
SB	HQ DIET	0.435	0.745	0.736
	HQ SOIL	0.022	5.752	0.330
SE	HQ DIET	1.772	2.262	1.793
	HQ SOIL	0.040	0.066	0.056
TL	HQ DIET	ND	ND	ND
	HQ SOIL	5.061	5.061	5.061
TPHC	HQ DIET	ND	ND	ND
	HQ SOIL	ND	ND	ND
V	HQ DIET	0.127	0.092	0.095
	HQ SOIL	0.224	0.281	0.245
ZN	HQ DIET	1.745	2.195	2.691
	HQ SOIL	0.063	0.247	0.395

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - ESA Basis

Receptor Group	Mule deer Pathway	RSA	ESA-1	ESA-2
135TNB	HQ DIET	ND ^(a)	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
246TNT	HQ DIET	2.181	0.253	0.841
	HQ SURFWATR	ND	ND	0.114
	HQ SOIL	0.007	0.001	0.003
24D	HQ DIET	0.289	0.035	0.072
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AG	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
AL	HQ DIET	0.304	0.047	0.150
	HQ SURFWATR	ND	ND	0.001
	HQ SOIL	0.480	0.100	0.194
AS	HQ DIET	0.013	0.006	0.011
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.008	0.005	0.008
A_D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.001	0.000
BA	HQ DIET	0.193	0.359	0.136
	HQ SURFWATR	ND	0.001	0.001
	HQ SOIL	0.024	0.018	0.023
BE	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
BZALC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CD	HQ DIET	0.022	0.012	0.042
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.002	0.003
CLDN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CO	HQ DIET	0.054	0.024	0.030
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.083	0.019	0.033
CR_CRHEX	HQ DIET	0.003	0.001	0.002
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.002	0.001	0.002
CU	HQ DIET	0.152	0.036	0.109
	HQ SURFWATR	ND	ND	0.002
	HQ SOIL	0.008	0.008	0.154
DCB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.000	0.000	0.000
DDT_R	HQ DIET	0.001	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ DIET	1.145	0.191	3.754
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.270	0.055	0.059
DN_TOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.001	0.004
	HQ SOIL	0.015	0.007	0.007

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - ESA Basis (continued)

Receptor Group	Mule deer Pathway	RSA	ESA-1	ESA-2
E_I	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
FE	HQ DIET	0.976	0.171	0.494
	HQ SURFWATR	ND	0.000	0.045
	HQ SOIL	1.930	0.407	1.606
HG	HQ DIET	0.002	0.000	0.001
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.000	0.000	0.000
HMX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000
H_HE	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
LIN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
MN	HQ DIET	0.074	0.011	0.022
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.013	0.003	0.006
NB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.001
NI	HQ DIET	0.007	0.001	0.003
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.001	0.000	0.001
NNDPA	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
PAH	HQ DIET	0.001	0.001	0.001
	HQ SURFWATR	ND	ND	0.051
	HQ SOIL	0.003	0.032	0.175
PB	HQ DIET	0.052	0.212	0.309
	HQ SURFWATR	ND	0.000	0.001
	HQ SOIL	0.023	0.084	0.156
PCB_S	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.001	0.000
PHENOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
PHTLAT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.000	0.001	0.000
RDX	HQ DIET	3.337	0.781	22.788
	HQ SURFWATR	ND	ND	0.010
	HQ SOIL	0.011	0.002	0.005
SB	HQ DIET	0.090	0.027	0.072
	HQ SURFWATR	ND	ND	0.002
	HQ SOIL	0.003	0.157	0.020
SE	HQ DIET	0.272	0.077	0.109
	HQ SURFWATR	ND	ND	0.007
	HQ SOIL	0.004	0.001	0.003
TL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.607	0.124	0.277

Exposure Pathway Hazard Quotients (HQs) for the Mule Deer - ESA Basis (continued)

Receptor Group	Mule deer Pathway	RSA	ESA-1	ESA-2
TPHC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
V	HQ DIET	0.008	0.001	0.004
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.014	0.004	0.007
ZN	HQ DIET	0.055	0.018	0.082
	HQ SURFWATR	ND	ND	0.002
	HQ SOIL	0.004	0.003	0.012

*No toxicity data or pathway data missing.

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - ESA Basis

Receptor Group	Jackrabbit Pathway	RSA	ESA-1	ESA-2
135TNB	HQ_DIET	ND ^(a)	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
246TNT	HQ_DIET	6.106	2.749	5.158
	HQ_SURFWATR	ND	ND	0.526
	HQ_SOIL	0.020	0.016	0.020
24D	HQ_DIET	0.810	0.376	0.441
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	ND	ND	ND
AG	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
AL	HQ_DIET	0.680	0.410	0.737
	HQ_SURFWATR	ND	ND	0.005
	HQ_SOIL	1.064	0.863	0.943
AS	HQ_DIET	0.036	0.070	0.068
	HQ_SURFWATR	ND	0.001	0.001
	HQ_SOIL	0.022	0.050	0.046
A_D	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.008	0.001
BA	HQ_DIET	0.542	3.901	0.833
	HQ_SURFWATR	ND	0.004	0.006
	HQ_SOIL	0.067	0.196	0.139
BE	HQ_DIET	0.000	0.000	0.000
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
BZALC	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
CD	HQ_DIET	0.063	0.135	0.257
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.002	0.016	0.020
CLDN	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.004	0.001
CO	HQ_DIET	0.151	0.263	0.186
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.230	0.203	0.202
CR_CRHEX	HQ_DIET	0.008	0.008	0.011
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.006	0.012	0.010
CU	HQ_DIET	0.425	0.394	0.667
	HQ_SURFWATR	ND	ND	0.009
	HQ_SOIL	0.022	0.087	0.935
DCB	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	ND	0.001
	HQ_SOIL	0.000	0.005	0.000
DDT_R	HQ_DIET	0.003	0.002	0.003
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ_DIET	3.207	2.075	23.017
	HQ_SURFWATR	ND	ND	ND
	HQ_SOIL	0.747	0.594	0.360
DN_TOL	HQ_DIET	ND	ND	ND
	HQ_SURFWATR	ND	0.004	0.019
	HQ_SOIL	0.041	0.076	0.041

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - ESA Basis (continued)

Receptor Group	Jackrabbit Pathway	RSA	ESA-1	ESA-2
E_I	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
FE	HQ DIET	2.732	1.859	3.028
	HQ SURFWATR	ND	0.002	0.210
	HQ SOIL	5.347	4.384	9.745
HG	HQ DIET	0.004	0.004	0.004
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.000	0.001	0.001
HMX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.002	0.001	0.002
H_HE	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
LIN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
MN	HQ DIET	0.208	0.123	0.134
	HQ SURFWATR	ND	0.000	0.002
	HQ SOIL	0.036	0.029	0.035
NB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.004	0.003	0.004
NI	HQ DIET	0.019	0.012	0.021
	HQ SURFWATR	ND	ND	0.001
	HQ SOIL	0.003	0.004	0.004
NNDPA	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
PAH	HQ DIET	0.001	0.009	0.009
	HQ SURFWATR	ND	ND	0.235
	HQ SOIL	0.010	0.349	1.061
PB	HQ DIET	0.145	2.310	1.895
	HQ SURFWATR	ND	0.000	0.005
	HQ SOIL	0.065	0.902	0.949
PCB_S	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.002	0.014	0.002
PHENOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
PHTLAT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.000	0.007	0.000
RDX	HQ DIET	9.344	8.488	139.735
	HQ SURFWATR	ND	ND	0.048
	HQ SOIL	0.031	0.025	0.031
SB	HQ DIET	0.253	0.295	0.441
	HQ SURFWATR	ND	ND	0.009
	HQ SOIL	0.008	1.692	0.122
SE	HQ DIET	0.761	0.835	0.670
	HQ SURFWATR	ND	ND	0.030
	HQ SOIL	0.011	0.015	0.016
TL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	1.683	1.340	1.683

Exposure Pathway Hazard Quotients (HQs) for the Jackrabbit - ESA Basis (continued)

Receptor Group	Jackrabbit Pathway	RSA	ESA-1	ESA-2
TPHC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
V	HQ DIET	0.027	0.018	0.028
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.050	0.050	0.054
ZN	HQ DIET	0.192	0.247	0.627
	HQ SURFWATR	ND	ND	0.012
	HQ SOIL	0.014	0.044	0.087

*No toxicity data or pathway data missing

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox - ESA Basis

Receptor Group	Kit Fox Pathway	RSA	ESA-1	ESA-2
135TNB	HQ DIET	ND ^(a)	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
246TNT	HQ DIET	0.019	0.000	0.001
	HQ SURFWATR	ND	ND	0.190
	HQ SOIL	0.055	0.001	0.002
24D	HQ DIET	0.318	0.005	0.012
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
AG	HQ DIET	0.003	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
AL	HQ DIET	2.187	0.018	0.037
	HQ SURFWATR	ND	ND	0.003
	HQ SOIL	5.992	0.103	0.199
AS	HQ DIET	0.099	0.006	0.012
	HQ SURFWATR	ND	0.001	0.001
	HQ SOIL	0.099	0.005	0.008
A_D	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000
BA	HQ DIET	0.814	0.008	0.056
	HQ SURFWATR	ND	0.002	0.003
	HQ SOIL	0.301	0.019	0.023
BE	HQ DIET	0.000	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000
BZALC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
CD	HQ DIET	0.129	0.003	0.012
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.011	0.002	0.003
CLDN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.001	0.000	0.000
CO	HQ DIET	0.681	0.009	0.017
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	1.294	0.024	0.043
CR_CRHEX	HQ DIET	0.026	0.000	0.000
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.022	0.001	0.001
CU	HQ DIET	1.298	0.047	0.185
	HQ SURFWATR	ND	ND	0.004
	HQ SOIL	0.078	0.007	0.126
DCB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	0.001
	HQ SOIL	0.001	0.000	0.000
DDT_R	HQ DIET	0.001	0.000	0.000
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
DIOXIN_FURAN	HQ DIET	25.399	0.241	13.690
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	3.368	0.056	0.061
DN_TOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.002	0.007
	HQ SOIL	0.111	0.004	0.004

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox - ESA Basis (continued)

Receptor Group	Kit Fox Pathway	RSA	ESA-1	ESA-2
E_I	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
ENDOSULFAN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
FE	HQ DIET	10.595	0.145	0.217
	HQ SURFWATR	ND	0.001	0.121
	HQ SOIL	24.046	0.416	1.639
HG	HQ DIET	0.014	0.000	0.001
	HQ SURFWATR	ND	ND	0.000
	HQ SOIL	0.001	0.000	0.000
HMX	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.007	0.000	0.000
H_HE	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
LIN	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
MN	HQ DIET	0.142	0.002	0.004
	HQ SURFWATR	ND	0.000	0.001
	HQ SOIL	0.160	0.003	0.006
NB	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.017	0.000	0.001
NI	HQ DIET	0.022	0.000	0.000
	HQ SURFWATR	ND	ND	0.001
	HQ SOIL	0.014	0.000	0.001
NNDPA	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
PAH	HQ DIET	0.002	0.000	0.000
	HQ SURFWATR	ND	ND	0.138
	HQ SOIL	0.044	0.034	0.182
PB	HQ DIET	4.183	0.429	1.037
	HQ SURFWATR	ND	0.000	0.003
	HQ SOIL	0.291	0.086	0.160
PCB_S	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.007	0.001	0.000
PHENOL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.000	0.000	0.000
PHTLAT	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	0.000	0.000
	HQ SOIL	0.001	0.001	0.000
RDX	HQ DIET	0.025	0.000	0.001
	HQ SURFWATR	ND	ND	0.028
	HQ SOIL	0.142	0.002	0.005
SB	HQ DIET	0.981	0.015	0.184
	HQ SURFWATR	ND	ND	0.005
	HQ SOIL	0.037	0.161	0.021
SE	HQ DIET	2.495	0.020	0.093
	HQ SURFWATR	ND	ND	0.017
	HQ SOIL	0.050	0.001	0.003
TL	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	7.587	0.127	0.284

Exposure Pathway Hazard Quotients (HQs) for the Kit Fox - ESA Basis (continued)

Receptor Group	Kit Fox Pathway	RSA	ESA-1	ESA-2
TPHC	HQ DIET	ND	ND	ND
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	ND	ND	ND
V	HQ DIET	0.079	0.001	0.002
	HQ SURFWATR	ND	ND	ND
	HQ SOIL	0.220	0.005	0.009
ZN	HQ DIET	1.673	0.032	0.137
	HQ SURFWATR	ND	ND	0.007
	HQ SOIL	0.063	0.004	0.015

*No toxicity data or pathway data missing.

Hazard Quotients for Ecological Receptors Ingesting Surface Water at the Bomb and Shell Reconditioning Building (SWMU 23)

Analyte	Hazard Quotients								
	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox
Barium	5.42E-04	4.89E-04	4.48E-05	8.96E-05	8.96E-05	NA ^(b)	7.00E-04	3.23E-03	1.86E-03
Methylene chloride	ND ^(b)	ND	ND	ND	ND	NA	3.09E-04	1.43E-03	8.23E-04
Chloromethane	ND	ND	ND	ND	ND	NA	ND	ND	ND
Copper	1.38E-04	1.25E-04	1.14E-05	2.29E-05	2.29E-05	NA	1.54E-04	7.11E-04	3.29E-04
Iron	1.33E-03	1.20E-03	1.10E-04	2.20E-04	2.20E-04	NA	4.19E-03	1.94E-02	1.11E-02
Nitrate	ND	ND	ND	ND	ND	NA	ND	ND	ND
Lead	5.55E-04	1.00E-04	4.59E-05	7.35E-05	7.35E-05	NA	3.18E-04	1.47E-03	8.47E-04
Phosphate	ND	ND	ND	ND	ND	NA	ND	ND	ND
Sulfate	ND	ND	ND	ND	ND	NA	ND	ND	ND
Zinc	8.57E-04	7.73E-04	7.09E-05	1.42E-04	1.42E-04	NA	8.60E-05	4.96E-04	2.87E-04

^(a)Not applicable

^(b)No toxicity data or pathway data missing

Hazard Quotients for Ecological Receptors Ingesting Surface Water at the Stormwater Discharge (SWMU 45)

Analyte	Hazard Quotients								
	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox
para-Cresol	ND ^(a)	ND	ND	ND	ND	NA ^(b)	2.63E-06	1.21E-05	7.00E-06
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	NA	9.38E-04	4.33E-03	1.50E-03
Arsenic	3.63E-04	3.28E-04	3.00E-05	6.00E-05	6.00E-05	NA	2.11E-04	9.75E-04	5.63E-04
Bis-2-ethylhexyl phthalat	1.28E-03	1.15E-03	1.06E-04	2.12E-04	2.12E-04	NA	2.06E-05	9.51E-05	5.49E-05
Barium	7.03E-04	6.34E-04	5.82E-05	1.16E-04	1.16E-04	NA	9.09E-04	4.20E-03	2.41E-03
Cyanide	ND	ND	ND	ND	ND	NA	ND	ND	ND
Iron	1.52E-04	1.37E-04	1.25E-05	2.51E-05	2.51E-05	NA	4.77E-04	2.20E-03	1.27E-03
Lead	7.42E-05	1.34E-05	6.13E-06	9.83E-06	9.83E-06	NA	4.24E-05	1.96E-04	1.13E-04
Toluene	ND	ND	ND	ND	ND	NA	ND	ND	ND
Manganese	9.02E-05	8.14E-05	7.46E-06	1.49E-05	1.49E-05	NA	8.76E-05	4.05E-04	2.33E-04

^(a)No toxicity data or pathway data missing

^(b)Not applicable

Hazard Quotients for Ecological Receptors Ingesting Surface Water at the Laundry Effluent Ponds (SWMU 11)

ANALYTE CODE	ANALYTE	PASSERINES	AMERICAN KESTREL	GREAT HORNED OWL	GOLDEN EAGLE	BAIRD EAGLE	DEER MOUSE	MULE DEER	JACKRABBIT	KIT FOX
13CLTB	1,3-Dichlorobenzene	ND ^(a)	ND	ND	ND	ND	NA ^(a)	2.11E-04	9.76E-04	5.63E-04
135TNB	1,3,5-Trinitrobenzene	ND	ND	ND	ND	ND	NA	ND	ND	ND
246TNT	2,4,6-Trinitrotoluene	ND	ND	ND	ND	ND	NA	1.14E-01	5.26E-01	1.90E-01
24DNT	2,4-Dinitrotoluene	ND	ND	ND	ND	ND	NA	2.15E-03	9.94E-03	3.44E-03
26DNT	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	NA	1.92E-03	8.88E-03	3.15E-03
35DNA	3,5-Dinitroaniline	ND	ND	ND	ND	ND	NA	ND	ND	ND
2MNAP	2-Methylnaphthalene	ND	ND	ND	ND	ND	NA	8.88E-05	4.10E-04	2.40E-04
AL	Aluminum	ND	ND	ND	ND	ND	NA	1.29E-03	4.77E-03	3.44E-03
ANAPNE	Acenaphthene	ND	ND	ND	ND	ND	NA	7.43E-04	3.43E-03	2.01E-03
ANTRC	Anthracene	ND	ND	ND	ND	ND	NA	4.39E-04	2.03E-03	1.19E-03
AS	Arsenic	3.44E-04	3.10E-04	2.84E-05	5.69E-05	5.69E-05	NA	2.00E-04	9.23E-04	5.33E-04
B2EHP	Bis(2-ethylhexyl) phthalate	3.08E-03	2.78E-03	2.55E-04	5.09E-04	5.09E-04	NA	4.96E-05	2.29E-04	1.32E-04
BA	Barium	7.53E-04	6.80E-04	6.23E-05	1.25E-04	1.25E-04	NA	9.73E-04	4.50E-03	2.58E-03
BAAATR	Benzo[a]anthracene	ND	ND	ND	ND	ND	NA	4.54E-03	2.10E-02	1.23E-02
BAPYR	Benzo[a]pyrene	ND	ND	ND	ND	ND	NA	4.00E-03	1.85E-02	1.08E-02
BHFANT	Benzo[b]fluoranthene	ND	ND	ND	ND	ND	NA	4.45E-03	2.05E-02	1.20E-02
BGHPY	Benzo[g]heliophene	ND	ND	ND	ND	ND	NA	4.93E-03	2.28E-02	1.34E-02
BKFANT	Benzo[k]fluoranthene	ND	ND	ND	ND	ND	NA	3.52E-03	1.63E-02	9.53E-03
BRMCIL	Bromacil	ND	ND	ND	ND	ND	NA	ND	ND	ND
CHRY	Chrysene	ND	ND	ND	ND	ND	NA	3.63E-03	1.67E-02	9.81E-03
CR	Chromium	1.84E-02	1.66E-02	1.52E-03	3.04E-03	3.04E-03	NA	1.88E-04	8.71E-04	4.02E-04
CU	Copper	1.84E-03	1.66E-03	1.52E-04	3.04E-04	3.04E-04	NA	2.05E-03	9.45E-03	4.37E-03
DBAHA	Dibenz[a,h]anthracene	ND	ND	ND	ND	ND	NA	6.98E-04	3.23E-03	1.89E-03
DBZFUR	Dibenzofuran	ND	ND	ND	ND	ND	NA	ND	ND	ND
DCLB	Dichlorobenzene - nonspecific	ND	ND	ND	ND	ND	NA	7.69E-05	3.55E-04	2.05E-04
FANT	Fluoranthene	ND	ND	ND	ND	ND	NA	1.05E-02	4.87E-02	2.85E-02
FE	Iron	1.44E-02	1.30E-02	1.19E-03	2.39E-03	2.39E-03	NA	4.55E-02	2.10E-01	1.21E-01
FLRENE	Fluorene	ND	ND	ND	ND	ND	NA	6.87E-04	3.17E-03	1.86E-03
HI	Mercury	1.93E-04	1.74E-04	1.60E-05	3.20E-05	3.20E-05	NA	5.87E-05	2.71E-04	1.57E-04
ICDPYR	Indeno[1,2,3-C,D]pyrene	ND	ND	ND	ND	ND	NA	1.97E-03	9.11E-03	5.27E-03
MN	Manganese	5.03E-04	4.54E-04	4.16E-05	8.33E-05	8.33E-05	NA	4.89E-04	2.26E-03	1.30E-03
NAP	Naphthalene	ND	ND	ND	ND	ND	NA	1.13E-04	5.24E-04	3.07E-04
NI	Nickel	1.30E-03	1.17E-03	1.07E-04	2.14E-04	2.14E-04	NA	1.88E-04	8.70E-04	5.03E-04
PHANTR	Phenanthrene	ND	ND	ND	ND	ND	NA	3.66E-03	1.69E-02	9.90E-03
PB	Lead	2.06E-03	3.72E-04	1.70E-04	2.73E-04	2.73E-04	NA	1.18E-03	5.45E-03	3.14E-03
PYR	Pyrene	ND	ND	ND	ND	ND	NA	6.91E-03	3.19E-02	1.87E-02
RDX	RDX / Cyclonite	ND	ND	ND	ND	ND	NA	1.05E-02	4.83E-02	2.79E-02
SB	Antimony	ND	ND	ND	ND	ND	NA	1.90E-03	8.79E-03	5.08E-03
SE	Selenium	1.27E-02	1.14E-02	1.05E-03	1.95E-03	1.95E-03	NA	6.51E-03	3.01E-02	1.74E-02
ZN	Zinc	2.07E-02	1.86E-02	1.71E-03	3.42E-03	3.42E-03	NA	2.07E-03	1.20E-02	6.91E-03

^(a)No toxicity data or pathway data missing.

^(b)Not applicable.

**SUPPORT INFORMATION
NOT INCLUDED IN TEXT**

Summary of Cterm Values Used to Calculate Dietary Component HQs For SWMUs Where Jackrabbit Data Were Missing

Analyte (mg/kg)	SWMU 1b	SWMU 1c	SWMU 10	SWMU 11	SWMU 12	SWMU 15	SWMU 21	SWMU 37	SWMU 42	SWMU 45	RSA
Al	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	NA ^o	NA
Ag	0.1855	0.1855	0.1855	0.1855	0.1855	0.1855	0.1855	0.1855	0.1855	NA	NA
As	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	NA	NA
Ba	1.59E+01	1.74E+01	6.55E+00	1.92E+01	1.63E+01	1.94E+01	3.21E+01	7.04E+00	3.89E+01	NA	NA
Be	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	NA	NA
Cd	5.73E-01	9.84E-02	9.84E-02	3.51E-01	9.84E-02	5.04E-01	1.76E+00	9.84E-02	6.80E-01	NA	NA
Co	0.00261	0.00261	0.00261	0.00261	0.00261	0.00261	0.00261	0.00261	0.00261	NA	NA
Cr	0.0498	0.0498	0.0498	0.0498	0.0498	0.0498	0.0498	0.0498	0.0498	NA	NA
Cu	2.99E+00	2.23E+00	8.74E-01	2.85E+01	2.27E+00	2.39E+02	4.25E+01	1.46+00	1.43E+01	NA	NA
Fe	47.65	47.65	47.65	47.65	47.65	47.65	47.65	47.65	47.65	NA	NA
Hg	4.62E-03	4.62E-03	7.41E-03	1.50E-02	4.62E-03	5.77E-02	7.65E-03	4.62E-03	1.10E-02	NA	NA
Mn	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268	0.268	NA	NA
Ni	0.0496	0.0496	0.0496	0.0496	0.0496	0.0496	0.0496	0.0496	0.0496	NA	NA
Pb	1.22E+01	6.98E+00	1.84E+00	7.40E+02	3.50E+01	6.44E+01	2.21E+02	2.92E+00	2.14E+02	NA	NA
Se	3.84E-01	3.84E-01	3.84E-01	3.84E-01	3.84E-01	6.72E-01	3.84E-01	3.84E-01	5.37E-01	NA	NA
Sb	3.73E-01	3.73E-01	3.73E-01	1.16E+01	1.04E+00	3.97E+00	9.79E+00	3.73E-01	9.38E+01	NA	NA
V	0.0277	0.0277	0.0277	0.0277	0.0277	0.0277	0.0277	0.0277	0.0277	NA	NA
Zn	5.58E+00	3.06E+00	1.46E+01	5.60E+02	3.50E+01	1.85E+02	2.01E+01	2.87E+00	4.47E+00	NA	NA
p,p'DDE	2.24E-03	2.24E-03	2.24E-03	2.24E-03	2.24E-03	1.72E-02	2.24E-03	2.24E-03	2.60E-03	NA	NA
p,p'DDT	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03	9.32E-02	7.74E-03	7.74E-03	1.19E-02	NA	NA
THPCDD/ 1,2,3,4,6,7,8-HpCDD	2.65E-07	1.88E-07	1.49E-07	6.97E-07	2.66E-07	7.47E-06	3.98E-07	2.46E-05	3.44E-06	NA	NA
OCDD	7.67E-06	2.10E-06	4.06E-07	2.10E-05	9.82E-07	1.29E-04	1.01E-05	9.22E-05	1.76E-05	NA	NA
TCDD/ 2,3,7,8-TCDD	1.34E-07	1.43E-07	3.04E-07	7.35E-08	1.11E-07	4.03E-07	2.25E-07	2.82E-07	2.03E-07	NA	NA

Summary of Cterm Values Used to Calculate Dietary Component HQs For SWMUs Where Jackrabbit Data Were Missing (continued)

Analyte (mg/kg)	SWMU 1b	SWMU 1c	SWMU 10	SWMU 11	SWMU 12	SWMU 15	SWMU 21	SWMU 37	SWMU 42	SWMU 45	RSA
TTCDF/ 2,3,7,8-TCDF	8.03E-08	7.22E-08	5.22E-08	1.03E-07	6.95E-08	7.53E-08	1.42E-07	1.24E-07	8.75E-08	NA	NA
All other dioxins/furans ("worst case" value)	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	5.82E-05	NA	NA
RDX/246TNT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PAHs ^{a)}	0.00303	0.00303	0.00303	0.00303	0.00303	0.00303	0.00303	0.00303	0.00303	NA	NA
2,4-D	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	NA	NA

Note-- Cterm value for jackrabbit = Cterm_h

^{a)}Not applicable - data available from actual chemical analysis or modeled.

^{b)}PAHs in biota include benzo(a)anthracene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene and pyrene.

*Summary of Cterm Values Used to Calculate Dietary Component HQs For SWMUs Where Invertebrate Data
(Beetles and Grasshoppers) Were Missing*

Analyte (mg/kg)	SWMU 1b	SWMU 1c	SWMU 10	SWMU 11	SWMU 12	SWMU 15	SWMU 21	SWMU 37	SWMU 42	SWMU 45	RSA
RDX	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064
246TNT	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188	0.0188
Benzo(a) anthracene	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
Benzo(k) fluoranthene	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055	0.00055
Chrysene	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065	0.00065
Fluoranthene	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145	0.00145
Phenanthrene	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Pyrene	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
2,4-D	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085

Note.— MDL values for invertebrates were based on analysis of grasshoppers; however the 1/2 MDL values were also used for beetles.

Note.— Cterm for beetle = Cterm_{grass}, and Cterm for grasshopper = Cterm_g.

Summary of Cterm Values Used to Calculate Dietary Component HQs For ESAs Where Invertebrate Data (Beetles and Grasshoppers) and Jackrabbit Data Were Missing (ESA Basis)

ESA	Matrix	Chemclass	Analyte	Cterm (mg/kg)	Comment
ESA-2	Jackrabbit	DIOXIN	234678-HXCDF	5.82E-05	WC ^(a)
	Jackrabbit	DIOXIN	23478-PECDF	5.82E-05	WC
	Jackrabbit	DIOXIN	1234678-HPCDD	4.25E-06	Mod_Avg ^(b)
	Jackrabbit	DIOXIN	1234678-HPCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	123678-HXCDD	5.82E-05	WC
	Jackrabbit	DIOXIN	123678-HXCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	1234789-HPCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	123789-HXCDD	5.82E-05	WC
	Jackrabbit	DIOXIN	123789-HXCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	123478-HXCDD	5.82E-05	WC
	Jackrabbit	DIOXIN	123478-HXCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	12378-PECDD	5.82E-05	WC
	Jackrabbit	DIOXIN	12378-PECDF	5.82E-05	WC
	Jackrabbit	DIOXIN	OCDD	3.29E-05	Mod_Avg
	Jackrabbit	DIOXIN	OCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	2378-TCDD	2.09E-07	Mod_Avg
	Jackrabbit	DIOXIN	2378-TCDF	8.98E-08	Mod_Avg
	Jackrabbit	DIOXIN	TOTAL HXCDD	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL HXCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL HPCDD	4.25E-06	Mod_Avg
	Jackrabbit	DIOXIN	TOTAL HPCDF	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL PECDD	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL PECDF	5.82E-05	WC
	Jackrabbit	DIOXIN	TOTAL TCDD	2.09E-07	Mod_Avg
	Jackrabbit	DIOXIN	TOTAL TCDF	8.98E-08	Mod_Avg
	Beetle	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL ^(c)
	Beetle	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Grasshopper	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Grasshopper	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Jackrabbit	EXPLOSIVES	246TNT	0.0	M ^(d)
	Jackrabbit	EXPLOSIVES	RDX	0.0	M
	Beetle	HERBICIDE	24D	8.50E-02	1/2 MDL
	Grasshopper	HERBICIDE	24D	8.50E-02	1/2 MDL
	Jackrabbit	HERBICIDE	24D	6.00E-01	1/2 MDL
	Jackrabbit	PESTICIDES	PPDDE	4.11E-03	Mod_Avg
	Jackrabbit	PESTICIDES	PPDDT	1.84E-02	Mod_Avg
	Jackrabbit	METALS	AG	1.86E-01	1/2 MDL
	Jackrabbit	METALS	AL	4.33E+00	1/2 MDL
	Jackrabbit	METALS	AS	1.34E-01	1/2 MDL
	Jackrabbit	METALS	BA	1.67E+01	Mod_Avg
	Jackrabbit	METALS	BE	1.30E-03	1/2 MDL
	Jackrabbit	METALS	CD	4.48E-01	Mod_Avg
	Jackrabbit	METALS	CO	2.61E-03	1/2 MDL
	Jackrabbit	METALS	CR	4.98E-02	1/2 MDL
	Jackrabbit	METALS	CU	4.00E+01	Mod_Avg
	Jackrabbit	METALS	FE	4.77E+01	1/2 MDL
	Jackrabbit	METALS	HG	1.33E-02	Mod_Avg
	Jackrabbit	METALS	MN	2.68E-01	1/2 MDL
	Jackrabbit	METALS	NI	4.96E-02	1/2 MDL

Summary of Cterm Values Used to Calculate Dietary Component HQs For ESAs Where Invertebrate Data (Beetles and Grasshoppers) and Jackrabbit Data Were Missing (ESA Basis) (continued)

ESA	Matrix	Chemclass	Analyte	Cterm (mg/kg)	Comment
ESA-2 (cont.)	Jackrabbit	METALS	PB	1.36E+02	Mod_Avg
	Jackrabbit	METALS	SB	3.49E+00	Mod_Avg
	Jackrabbit	METALS	SE	4.20E-01	Mod_Avg
	Jackrabbit	METALS	V	2.77E-02	1/2 MDL
	Jackrabbit	METALS	ZN	1.03E+02	Mod_Avg
	Beetle	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Beetle	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Beetle	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Beetle	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Beetle	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Beetle	PAH	PYRENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Grasshopper	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Grasshopper	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Grasshopper	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Grasshopper	PAH	PYRENE	6.00E-04	1/2 MDL
	Jackrabbit	PAH	BENZO(A)ANTHRACENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	BENZO(K)FLUORANTHENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	CHRYSENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	FLUORANTHENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	PHENANTHRENE	3.03E-03	1/2 MDL
	Jackrabbit	PAH	PYRENE	3.03E-03	1/2 MDL
ESA-1	Beetle	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Beetle	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Beetle	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Beetle	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Beetle	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Beetle	PAH	PYRENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Grasshopper	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Grasshopper	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Grasshopper	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Grasshopper	PAH	PYRENE	6.00E-04	1/2 MDL
	Beetle	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Beetle	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Grasshopper	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Grasshopper	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Jackrabbit	EXPLOSIVES	246TNT	0.0	M
	Jackrabbit	EXPLOSIVES	RDX	0.0	M
	Beetle	HERBICIDE	24D	8.50E-02	1/2 MDL
	Grasshopper	HERBICIDE	24D	8.50E-02	1/2 MDL
RSA	Beetle	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Beetle	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Beetle	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Beetle	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Beetle	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Beetle	PAH	PYRENE	6.00E-04	1/2 MDL

Summary of Cterm Values Used to Calculate Dietary Component HQs For ESAs Where Invertebrate Data (Beetles and Grasshoppers) and Jackrabbit Data Were Missing (ESA Basis) (continued)

ESA	Matrix	Chemclass	Analyte	Cterm (mg/kg)	Comment
RSA (cont.)	Grasshopper	PAH	BENZO(A)ANTHRACENE	6.00E-04	1/2 MDL
	Grasshopper	PAH	BENZO(K)FLUORANTHENE	5.50E-04	1/2 MDL
	Grasshopper	PAH	CHRYSENE	6.50E-04	1/2 MDL
	Grasshopper	PAH	FLUORANTHENE	1.45E-03	1/2 MDL
	Grasshopper	PAH	PHENANTHRENE	1.70E-03	1/2 MDL
	Grasshopper	PAH	PYRENE	6.00E-04	1/2 MDL
	Beetle	HERBICIDE	24D	8.50E-02	1/2 MDL
	Grasshopper	HERBICIDE	24D	8.50E-02	1/2 MDL
	Beetle	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Beetle	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Grasshopper	EXPLOSIVES	246TNT	1.88E-02	1/2 MDL
	Grasshopper	EXPLOSIVES	RDX	6.40E-03	1/2 MDL
	Jackrabbit	EXPLOSIVES	246TNT	0.0	M
	Jackrabbit	EXPLOSIVES	RDX	0.0	M

Note.— Cterm for beetle = Cterm_{beetle} and Cterm for grasshopper = Cterm_g; Cterm for jackrabbit = Cterm_j.

*WC = Worst case scenario model Cterm value.

*Mod_Avg = represents the average of modeled Cterm values for SWMUs 1b, 1c, 10, 11, 12, 15, 21, and 37.

*1/2 MDL = Cterm value represents 1/2 the method detection limit in the biota matrix.

*M = Metabolized in mammalian systems, not expected to be present.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (Dioxins/Furans)

SWMU	Matrix	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kitt	Plants	Soil
10	Gumweed	123789-HxCDF	3.46E-04	6.09E-07	1.61E-08	3.21E-08	3.21E-08	3.70E-04	5.80E-07	6.31E-06	4.29E-07	ND	ND
	Rabbitbrush	123789-HxCDF	1.13E-04	1.98E-07	5.25E-08	1.05E-08	1.05E-08	1.21E-04	1.89E-07	2.06E-06	1.40E-07	ND	ND
11	Gumweed	123789-HxCDF	4.24E-04	1.12E-06	2.96E-08	5.91E-08	5.91E-08	1.54E-04	2.70E-07	1.16E-05	7.89E-07	ND	ND
	Rabbitbrush	123789-HxCDF	1.07E-04	2.84E-07	7.50E-09	1.50E-08	1.50E-08	1.15E-04	2.70E-07	2.94E-06	2.00E-07	ND	ND
12	Rabbitbrush	123789-HxCDF	1.07E-04	1.41E-06	3.73E-08	7.45E-08	7.45E-08	1.15E-04	1.35E-06	1.46E-05	9.95E-07	ND	ND
	Sweetclover	123789-HxCDF	1.19E-04	1.57E-06	4.15E-08	8.28E-08	8.28E-08	1.27E-04	1.50E-06	1.63E-05	1.11E-06	ND	ND
15	Gumweed	123789-HxCDF	5.22E-05	2.30E-06	6.07E-08	1.21E-07	1.21E-07	5.59E-05	2.19E-06	2.38E-05	1.62E-06	ND	ND
	Rabbitbrush	123789-HxCDF	1.36E-04	5.97E-06	1.58E-07	3.15E-07	3.15E-07	1.45E-04	5.69E-05	6.18E-05	4.21E-06	ND	ND
1b	Sweetclover	123789-HxCDF	2.05E-04	9.02E-06	2.39E-07	4.76E-07	4.76E-07	2.20E-04	8.60E-06	9.35E-05	6.36E-06	ND	ND
	Gumweed	123789-HxCDF	2.49E-04	1.10E-07	2.90E-09	5.79E-09	5.79E-09	2.54E-04	1.05E-07	1.14E-06	7.73E-08	ND	ND
1c	Rabbitbrush	123789-HxCDF	5.74E-05	2.52E-08	6.68E-10	1.33E-09	1.33E-09	5.85E-05	2.41E-08	2.62E-07	1.78E-08	ND	ND
	Gumweed	123789-HxCDF	3.75E-04	6.60E-06	1.75E-07	3.48E-07	3.48E-07	4.02E-04	6.29E-06	6.84E-05	4.65E-06	ND	ND
21	Rabbitbrush	123789-HxCDF	7.46E-05	1.31E-06	3.47E-08	6.93E-08	6.93E-08	7.99E-05	1.25E-06	1.36E-05	9.25E-07	ND	ND
	Gumweed	123789-HxCDF	6.20E-05	1.64E-08	4.33E-10	8.63E-10	8.63E-10	3.79E-05	1.56E-08	1.69E-07	1.15E-08	ND	ND
37	Rabbitbrush	123789-HxCDF	3.54E-05	9.35E-09	2.47E-10	4.93E-10	4.93E-10	2.17E-05	8.91E-09	9.69E-08	6.59E-09	ND	ND
	Ambrosia	123789-HxCDF	8.04E-05	4.95E-08	1.31E-09	2.61E-09	2.61E-09	8.60E-05	3.49E-08	5.13E-07	3.49E-08	ND	ND
	Rabbitbrush	123789-HxCDF	1.04E-04	6.43E-08	1.70E-09	3.39E-09	3.39E-09	1.12E-04	6.13E-08	6.66E-07	4.53E-08	ND	ND
42	Sweetclover	123789-HxCDF	2.09E-04	1.29E-07	3.40E-09	6.78E-09	6.78E-09	2.23E-04	6.82E-06	7.42E-05	5.04E-06	ND	ND
	Gumweed	123789-HxCDF	2.26E-04	7.16E-06	1.89E-07	3.77E-07	3.77E-07	2.42E-04	1.01E-05	1.10E-04	7.46E-06	ND	ND
	Rabbitbrush	123789-HxCDF	3.34E-04	1.06E-05	2.80E-07	5.58E-07	5.58E-07	3.57E-04	1.01E-05	1.10E-04	7.46E-06	ND	ND
45	Sweetclover	123789-HxCDF	4.39E-04	1.39E-05	3.68E-07	7.33E-07	7.33E-07	4.70E-04	1.32E-05	1.44E-04	9.80E-06	ND	ND
	Gumweed	123789-HxCDF	9.60E-05	4.22E-07	1.12E-08	2.23E-08	2.23E-08	1.03E-04	4.03E-07	4.38E-06	2.98E-07	ND	ND
	Jackrabbit	123789-HxCDF	1.92E-04	8.42E-07	2.23E-08	4.44E-08	4.44E-08	2.05E-04	8.03E-07	8.73E-06	5.94E-07	ND	ND
	Rabbitbrush	123789-HxCDF	8.56E-05	3.76E-07	9.96E-09	1.99E-08	1.99E-08	9.16E-05	3.59E-07	3.90E-06	2.65E-07	ND	ND
	Sweetclover	123789-HxCDF	2.29E-04	1.01E-06	2.66E-08	5.30E-08	5.30E-08	2.45E-04	9.58E-07	1.04E-05	7.09E-07	ND	ND
RSA	Gumweed	123789-HxCDF	7.04E-04	1.47E-04	5.24E-05	1.05E-04	1.05E-04	7.53E-04	3.31E-04	3.31E-04	1.07E-03	ND	ND
	Jackrabbit	123789-HxCDF	3.36E-04	7.02E-05	2.50E-05	4.99E-05	4.99E-05	3.60E-04	5.64E-05	1.58E-04	5.09E-04	ND	ND
	Rabbitbrush	123789-HxCDF	6.97E-04	1.46E-04	1.59E-05	1.04E-04	1.04E-04	7.46E-04	1.17E-04	3.27E-04	1.06E-03	ND	ND
	Sweetclover	123789-HxCDF	2.18E-04	4.56E-05	1.62E-04	3.24E-05	3.24E-05	2.34E-04	3.66E-05	1.02E-04	3.30E-04	ND	ND
10	Jackrabbit	123789-HxCDF	6.07E-02	1.07E-04	2.83E-06	5.64E-06	5.64E-06	6.50E-02	1.02E-04	1.11E-03	7.53E-05	ND	ND
11	Jackrabbit	123789-HxCDF	6.07E-02	1.60E-04	4.24E-06	8.46E-06	8.46E-06	6.50E-02	1.53E-04	1.66E-03	1.13E-04	ND	ND
12	Jackrabbit	123789-HxCDF	6.07E-02	8.01E-04	2.12E-05	4.23E-05	4.23E-05	6.50E-02	7.64E-04	8.31E-03	5.65E-04	ND	ND
15	Jackrabbit	123789-HxCDF	6.07E-02	2.67E-03	7.07E-07	1.41E-04	1.41E-04	6.50E-02	2.53E-03	2.77E-02	1.88E-03	ND	ND
21	Jackrabbit	123789-HxCDF	2.53E-02	6.68E-06	1.77E-07	3.52E-07	3.52E-07	1.55E-02	6.37E-06	6.92E-05	4.71E-06	ND	ND
37	Jackrabbit	123789-HxCDF	6.07E-02	3.74E-05	9.89E-07	1.97E-06	1.97E-06	6.50E-02	3.56E-05	3.88E-04	2.64E-05	ND	ND
1b	Jackrabbit	123789-HxCDF	6.07E-02	2.67E-05	7.07E-07	1.41E-06	1.41E-06	6.50E-02	2.53E-05	2.77E-04	1.88E-05	ND	ND
1c	Jackrabbit	123789-HxCDF	6.07E-02	1.07E-03	2.83E-05	5.64E-05	5.64E-05	6.50E-02	1.02E-03	1.11E-02	7.53E-04	ND	ND
42	Jackrabbit	123789-HxCDF	6.07E-02	1.92E-03	5.09E-05	1.01E-04	1.01E-04	6.50E-02	1.83E-03	1.99E-02	1.36E-03	ND	ND
10/11	Beetle	123789-HxCDF	4.47E-04	1.97E-06	5.20E-08	1.04E-07	1.04E-07	4.79E-04	1.87E-06	2.04E-05	1.39E-06	ND	ND
10/11	Grasshopper	123789-HxCDF	5.51E-04	2.42E-06	6.41E-08	1.28E-07	1.28E-07	5.90E-04	2.31E-06	2.51E-05	1.71E-06	ND	ND
12/15	Grasshopper	123789-HxCDF	9.72E-04	5.56E-05	1.47E-06	2.93E-06	2.93E-06	1.04E-03	5.30E-05	4.56E-04	3.92E-05	ND	ND
1b/1c	Grasshopper	123789-HxCDF	9.71E-05	1.75E-06	4.63E-08	9.23E-08	9.23E-08	1.04E-04	1.67E-06	1.81E-05	1.23E-06	ND	ND
21/37	Beetle	123789-HxCDF	4.24E-04	3.08E-07	8.13E-09	1.62E-08	1.62E-08	4.54E-04	2.93E-07	3.19E-06	2.17E-07	ND	ND
21/37	Grasshopper	123789-HxCDF	7.52E-04	5.46E-07	1.44E-08	2.88E-08	2.88E-08	8.05E-04	5.20E-07	5.66E-06	3.85E-07	ND	ND
42/45	Beetle	123789-HxCDF	1.09E-04	3.93E-06	1.04E-07	2.07E-07	2.07E-07	1.17E-04	3.75E-06	4.08E-05	2.77E-06	ND	ND
42/45	Grasshopper	123789-HxCDF	9.29E-05	3.35E-06	8.86E-08	1.77E-07	1.77E-07	9.94E-05	3.19E-06	3.47E-05	2.36E-06	ND	ND
RSA	Beetle	123789-HxCDF	1.64E-04	3.42E-05	1.22E-05	2.43E-05	2.43E-05	1.75E-04	2.75E-05	7.69E-05	2.48E-04	ND	ND
RSA	Grasshopper	123789-HxCDF	3.48E-04	7.27E-05	2.59E-05	5.17E-05	5.17E-05	3.73E-04	5.84E-05	1.63E-04	5.27E-04	ND	ND

Note: 123789-HxCDF (789HXF) is not a final COPC.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (RSA Soil)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
RSA		ND ¹⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	9.71E-03	5.49E-04	1.96E-04	3.91E-04	3.91E-04	2.39E-03	3.19E-04	8.83E-04	3.98E-03	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	4.74E-05	1.69E-05	3.38E-05	3.38E-05	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
	Aldrin	5.25E-03	2.97E-04	8.14E-05	2.12E-04	2.12E-04	3.24E-03	2.59E-04	7.17E-04	1.62E-03	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.30E-04	4.64E-05	9.29E-05	9.29E-05	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	1.44E-04	5.13E-05	1.03E-04	1.03E-04	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Didiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.95E-02	1.10E-03	3.93E-04	7.50E-04	7.50E-04	7.01E-06	5.61E-07	1.55E-06	7.01E-06	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (RSA Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
RSA (cont.)	Endosulfan sulfate	1.10E-03	6.22E-05	2.22E-05	4.43E-05	4.43E-05	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Iodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	3.64E-05	1.30E-05	2.60E-05	2.60E-05	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	ND	ND	ND	ND	ND	ND
	PCB 1221	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	6.39E-01	2.28E-01	4.56E-01	4.56E-01	1.99E-01	2.03E-02	5.62E-02	2.32E-01	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	2.29E-02	8.18E-03	1.64E-02	1.64E-02	ND	ND	ND	ND	ND	ND
RSA	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RSA	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Note: --- Analytes in bold are COPCs but are addressed qualitatively. All other analytes are not final COPCs.
 *No toxicity data and not a final COPC.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Male	Jackrabbit	Kit	Plants	Soil
10		ND/0	Keatrel	Horned Owl	Eagle	Eagle	Mouse	Deer		Fox		Fauna
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	4.96E-04	2.36E-07	6.26E-09	1.25E-08	1.25E-08	1.22E-04	1.63E-07	1.75E-06	1.67E-07	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	3.99E-07	1.06E-08	2.11E-08	2.11E-08	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	5.70E-07	1.51E-08	3.01E-08	3.01E-08	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	4.79E-07	9.74E-09	2.53E-08	2.53E-08	6.20E-04	4.96E-07	5.34E-06	2.54E-07	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-07	1.88E-06	1.81E-07	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	But(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.10E-06	2.90E-08	5.80E-08	5.80E-08	ND	ND	ND	ND	ND	ND
	Benidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
10 (cont.)	delta-Hexachlorocyclohexane	2.54E-03	1.21E-06	3.20E-08	6.41E-08	6.41E-08	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	8.14E-06	2.15E-07	4.11E-07	4.11E-07	6.15E-06	4.92E-09	5.29E-08	5.03E-09	ND	ND
	Endosulfan sulfate	5.98E-04	2.85E-07	7.54E-09	1.51E-08	1.51E-08	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	3.07E-07	8.12E-09	1.62E-08	1.62E-08	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	8.53E-05	2.26E-06	4.52E-06	4.52E-06	3.16E-03	3.22E-06	3.46E-05	3.02E-06	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	5.38E-03	1.42E-04	2.85E-04	2.85E-04	1.99E-01	2.03E-04	2.18E-03	1.90E-04	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.03E-01	1.93E-04	5.11E-06	1.02E-05	1.02E-05	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	3.93E-05	4.23E-04	2.47E-05	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2.17E-05	4.34E-08	4.67E-07	4.44E-08	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil
11 (cont.)												
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.25E-03	8.95E-07	2.37E-08	4.72E-08	4.72E-08	3.08E-04	6.16E-07	6.63E-06	6.31E-07	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	5.98E-07	1.58E-08	3.17E-08	3.17E-08	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	8.55E-07	2.26E-08	4.52E-08	4.52E-08	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	7.18E-07	1.46E-08	3.80E-08	3.80E-08	6.20E-04	7.44E-07	8.00E-06	3.81E-07	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	2.62E-07	2.82E-06	2.72E-07	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.65E-06	4.35E-08	8.71E-08	8.71E-08	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenyl/methyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenyl/methyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenyl/methyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	1.82E-06	4.80E-08	9.61E-08	9.61E-08	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibutane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	1.22E-05	3.23E-07	6.17E-07	6.17E-07	6.15E-06	7.38E-09	7.94E-08	7.55E-09	ND	ND
	Endosulfan sulfate	1.30E-03	9.32E-07	2.46E-08	4.93E-08	4.93E-08	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	4.60E-07	1.22E-08	2.44E-08	2.44E-08	ND	ND	ND	ND	ND	ND
	Magtesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kitt	Plants	Soil
11 (cont.)	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Fauna
	PCB 1016	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	1.28E-04	3.39E-06	6.78E-06	6.78E-06	3.16E-03	4.83E-06	5.20E-05	4.53E-06	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	8.08E-03	2.14E-04	4.27E-04	4.27E-04	1.99E-01	3.04E-04	3.27E-03	2.85E-04	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Telbyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Toxaphene	4.05E-01	2.90E-04	7.67E-06	1.53E-05	1.53E-05	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	1.97E-04	2.12E-03	1.24E-04	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2.17E-05	2.17E-07	2.33E-06	2.22E-07	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.04E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	3.70E-06	9.79E-08	1.95E-07	1.95E-07	2.55E-04	2.55E-06	2.74E-05	2.61E-06	ND	ND
	Endosulfan I	1.20E-03	2.99E-06	7.91E-08	1.58E-07	1.58E-07	ND	ND	ND	ND	ND	ND
	Aldrin	3.92E-03	4.27E-06	1.13E-07	2.26E-07	2.26E-07	ND	ND	ND	ND	ND	ND
	Acenaphthylene	ND	1.40E-05	2.85E-07	7.41E-07	7.41E-07	2.42E-03	1.45E-05	1.56E-04	7.42E-06	ND	ND
	Aniline	ND	ND	ND	ND	ND	1.32E-04	1.31E-06	1.41E-05	1.36E-06	6.60E-04	9.54E-05
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
12 (cont.)	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	8.23E-06	2.18E-07	4.35E-07	4.35E-07	ND	ND	ND	ND	ND	ND
	Benazidone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	9.08E-06	2.40E-07	4.80E-07	4.80E-07	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	6.11E-05	1.62E-06	3.08E-06	3.08E-06	6.15E-06	3.69E-08	3.97E-07	3.78E-08	ND	ND
	Endosulfan sulfate	5.98E-04	2.14E-06	5.65E-08	1.13E-07	1.13E-07	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	2.30E-06	6.09E-08	1.22E-07	1.22E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	6.41E-04	1.70E-05	3.39E-05	3.39E-05	3.16E-03	2.41E-05	2.60E-04	2.27E-05	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	4.04E-02	1.07E-03	2.14E-03	2.14E-03	1.99E-01	1.52E-03	1.64E-02	1.43E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	1.45E-03	3.83E-05	7.67E-05	7.67E-05	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SIWMU Co-located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kill	Plants	Soil
15 (cont.)												
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	6.56E-04	7.06E-03	4.12E-04	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	7.23E-07	7.78E-06	7.40E-07	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.62E-03	1.93E-05	5.12E-07	1.02E-06	1.02E-06	4.00E-04	1.33E-05	1.43E-04	1.36E-05	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	3.59E-03	4.27E-05	1.13E-06	2.26E-06	2.26E-06	1.50E-03	3.00E-05	3.23E-04	1.54E-05	ND	ND
	Aldrin	2.44E-03	2.90E-05	5.90E-07	1.53E-06	1.53E-06	1.32E-04	4.36E-06	4.69E-05	4.53E-06	6.60E-04	9.54E-05
	Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Alazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	2.74E-05	7.23E-07	1.45E-06	1.45E-06	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	3.03E-05	8.01E-07	1.60E-06	1.60E-06	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	5.11E-01	6.09E-03	1.61E-04	3.08E-04	3.08E-04	1.84E-04	3.68E-06	3.96E-05	3.76E-06	ND	ND
	Endosulfan sulfate	1.15E-03	1.38E-05	3.64E-07	7.28E-07	7.28E-07	ND	ND	ND	ND	ND	ND
	Fenofos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kit	Plants	Soil
15 (cont.)			Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer	Jackrabbit	Fox		Fauna
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	7.67E-06	2.03E-07	4.06E-07	4.06E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-03	8.05E-05	8.66E-04	7.55E-05	1.25E-03	2.08E-04
	PCB 1262	1.13E-01	1.35E-01	3.56E-03	7.12E-03	7.12E-03	1.99E-01	5.07E-03	5.46E-02	4.76E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tearyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1B	Toxaphene	4.05E-01	4.83E-03	1.28E-04	2.56E-04	2.56E-04	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.12E-02	6.56E-06	7.06E-05	4.12E-06	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2.07E-05	7.23E-09	7.78E-08	7.40E-09	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU ID (cont.)	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-Hexachlorodibenzofuran	7.23E-04	8.61E-08	2.28E-09	4.54E-09	4.54E-09	4.54E-09	1.70E-04	5.93E-08	6.38E-07	6.07E-08	ND	ND
alpha-Hexachlorocyclohexane	8.37E-04	9.97E-08	2.64E-09	5.28E-09	5.28E-09	5.28E-09	ND	ND	ND	ND	ND	ND
Endosulfan I	1.20E-03	1.42E-07	3.77E-09	7.54E-09	7.54E-09	7.54E-09	ND	ND	ND	ND	ND	ND
Aldrin	1.00E-03	1.20E-07	2.44E-09	6.33E-09	6.33E-09	6.33E-09	5.90E-04	1.24E-07	1.33E-06	6.34E-08	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	1.23E-04	4.36E-08	4.69E-07	4.53E-08	6.60E-04	9.54E-05
Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-Hexachlorocyclohexane	2.30E-03	2.74E-07	7.25E-09	1.45E-08	1.45E-08	1.45E-08	ND	ND	ND	ND	ND	ND
Benidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-Hexachlorocyclohexane	2.54E-03	3.03E-07	8.01E-09	1.60E-08	1.60E-08	1.60E-08	ND	ND	ND	ND	ND	ND
Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	1.71E-02	2.04E-06	5.38E-08	1.03E-07	1.03E-07	1.03E-07	5.86E-06	1.23E-09	1.32E-08	1.26E-09	ND	ND
Endosulfan sulfate	5.98E-04	7.12E-08	1.88E-09	3.77E-09	3.77E-09	3.77E-09	ND	ND	ND	ND	ND	ND
Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isothorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kepona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	6.44E-04	7.67E-08	2.03E-09	4.06E-09	4.06E-09	4.06E-09	ND	ND	ND	ND	ND	ND
Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1016	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
PCB 1221	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
PCB 1232	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
PCB 1242	1.79E-01	2.14E-05	5.65E-07	1.13E-06	1.13E-06	1.13E-06	3.01E-03	8.05E-07	8.66E-06	7.55E-07	1.25E-03	2.08E-04
PCB 1262	1.13E-01	1.35E-03	3.56E-05	7.12E-05	7.12E-05	7.12E-05	1.90E-01	5.07E-05	5.46E-04	4.76E-05	7.88E-02	1.31E-02
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Fox	Plants	Soil Fauna
1B (cont.)	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetral	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1C	Toxaphene	4.05E-01	4.83E-05	1.28E-06	2.56E-06	2.56E-06	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	7.39E-04	3.52E-06	9.32E-08	1.86E-07	1.86E-07	1.82E-04	2.43E-06	2.61E-05	2.48E-06	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	3.99E-06	1.06E-07	2.11E-07	2.11E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	5.70E-06	1.51E-07	3.01E-07	3.01E-07	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	4.79E-06	9.74E-08	2.53E-07	2.53E-07	6.20E-04	4.96E-06	5.34E-05	2.54E-06	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-06	1.88E-05	1.81E-06	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.10E-05	2.90E-07	5.80E-07	5.80E-07	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU IC (cont.)	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	1.21E-05	3.20E-07	6.41E-07	6.41E-07	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-02	8.14E-05	2.15E-06	4.11E-06	4.11E-06	ND	ND	ND	ND	ND	ND
	Endosulfan sulfate	5.98E-04	2.85E-06	7.54E-08	1.51E-07	1.51E-07	6.15E-06	4.92E-08	5.29E-07	5.03E-08	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isochlorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium	6.44E-04	3.07E-06	8.12E-08	1.62E-07	1.62E-07	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	ND	ND	ND	ND	ND	ND
	PCB 1221	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	8.55E-04	2.26E-05	4.52E-05	4.52E-05	3.16E-03	3.22E-05	3.46E-04	3.02E-05	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	5.38E-02	1.42E-03	2.85E-03	2.85E-03	1.99E-01	2.03E-03	2.18E-02	1.90E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	1.93E-03	5.11E-05	1.02E-04	1.02E-04	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	7.81E-03	1.64E-06	1.76E-05	1.03E-06	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	5.16E-06	1.81E-09	1.95E-08	1.85E-09	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Deer	Jackrabbit	Kit	Plants	Soil
21 (cont.)			Kestrel	Horned Owl	Eagle	Eagle	Mouse	Mule		Fox		Fauna
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	5.96E-04	4.26E-08	1.13E-09	2.25E-09	2.25E-09	8.39E-05	2.93E-08	3.16E-07	3.00E-08	ND	ND
	alpha-Hexachlorocyclohexane	3.49E-04	2.49E-08	6.59E-10	1.32E-09	1.32E-09	ND	ND	ND	ND	ND	ND
	Endosulfan I	4.98E-04	3.56E-08	9.42E-10	1.88E-09	1.88E-09	ND	ND	ND	ND	ND	ND
	Aldrin	4.19E-04	2.99E-08	6.09E-10	1.58E-09	1.58E-09	1.48E-04	3.10E-08	3.33E-07	1.59E-08	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	3.13E-05	1.09E-08	1.17E-07	1.13E-08	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	9.59E-04	6.86E-08	1.81E-09	3.63E-09	3.63E-09	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	1.06E-03	7.57E-08	2.00E-09	4.00E-09	4.00E-09	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	7.12E-03	5.09E-07	1.35E-08	2.57E-08	2.57E-08	1.46E-06	3.07E-10	3.31E-09	3.15E-10	ND	ND
	Endosulfan sulfate	2.49E-04	1.78E-08	4.71E-10	9.42E-10	9.42E-10	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	2.68E-04	1.92E-08	5.07E-10	1.01E-09	1.01E-09	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	Soil Fauna
21 (cont.)	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB 1221	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB 1232	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB 1242	7.48E-02	5.34E-06	1.41E-07	2.83E-07	2.83E-07	7.53E-04	2.01E-07	2.17E-06	1.89E-07	1.25E-03	2.08E-04
	PCB 1262	4.71E+00	3.37E-04	8.90E-06	1.78E-05	1.78E-05	4.74E-02	1.27E-05	1.36E-04	1.19E-05	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Toxaphene	1.69E-01	1.21E-05	3.19E-07	6.39E-07	6.39E-07	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	9.18E-06	9.88E-05	5.77E-06	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	2.17E-05	1.01E-08	1.69E-07	1.04E-08	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.67E-03	2.78E-07	7.35E-09	1.47E-08	1.47E-08	4.11E-04	1.91E-07	2.06E-06	1.96E-07	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	1.40E-07	3.69E-09	7.39E-09	7.39E-09	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-03	1.99E-07	5.28E-09	1.06E-08	1.06E-08	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	1.68E-07	3.41E-09	8.86E-09	8.86E-09	6.20E-04	1.74E-07	1.87E-06	8.88E-08	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	6.10E-08	6.57E-07	6.34E-08	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil
37 (cont.)			Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer				Fauna
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	3.84E-07	1.02E-08	2.03E-08	2.03E-08	ND	ND	ND	ND	ND	ND
	Benazide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	4.24E-07	1.12E-08	2.24E-08	2.24E-08	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	4.82E-02	8.03E-06	2.13E-07	4.06E-07	4.06E-07	1.73E-05	4.85E-09	5.22E-08	4.97E-09	ND	ND
	Endosulfan sulfate	1.25E-03	2.08E-07	5.50E-09	1.10E-08	1.10E-08	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	1.07E-07	2.84E-09	5.68E-09	5.68E-09	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	2.99E-05	7.91E-07	1.58E-06	1.58E-06	3.16E-03	1.13E-06	1.21E-05	1.06E-06	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	1.88E-03	4.99E-05	9.97E-05	9.97E-05	1.99E-01	7.10E-05	7.64E-04	6.66E-05	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	6.76E-05	1.79E-06	3.58E-06	3.58E-06	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kitt	Plants	Soil
42 (cont.)			Keatrel	Horned Owl	Eagle	Eagle	Mouse	Deer		Fox		Fauna
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	4.72E-04	5.08E-03	2.97E-04	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	2.17E-05	5.21E-07	5.60E-06	5.33E-07	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	2.66E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	2.28E-05	6.03E-07	1.20E-06	1.20E-06	6.55E-04	1.57E-05	1.69E-04	1.61E-05	ND	ND
	Endosulfan I	1.20E-03	7.18E-06	1.90E-07	3.80E-07	3.80E-07	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-03	1.03E-05	2.71E-07	5.43E-07	5.43E-07	6.20E-04	8.92E-06	9.60E-05	4.57E-06	ND	ND
	Acenaphthylene	ND	8.62E-06	1.75E-07	4.56E-07	4.56E-07	1.32E-04	3.14E-06	3.38E-05	3.26E-06	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.97E-05	5.22E-07	1.04E-06	1.04E-06	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	2.18E-05	5.77E-07	1.15E-06	1.15E-06	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Deer	Jackrabbit	Kit	Plants	Soil
42 (cont.)												
	Endrin ketone	1.71E-02	1.47E-04	3.88E-06	7.40E-06	7.40E-06	6.15E-06	8.85E-08	9.53E-07	9.06E-08	ND	ND
	Endosulfan sulfate	5.98E-04	5.13E-06	1.36E-07	2.71E-07	2.71E-07	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepon	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	5.52E-06	1.46E-07	2.92E-07	2.92E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	1.54E-03	4.07E-05	8.14E-05	8.14E-05	3.16E-03	5.79E-05	6.24E-04	5.44E-05	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	9.69E-02	2.56E-03	5.13E-03	5.13E-03	1.99E-01	3.65E-03	3.93E-02	3.42E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Telyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	3.48E-03	9.20E-05	1.84E-04	1.84E-04	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil
45 (cont.)			Kestrel	Horned Owl	Eagle	Eagle	Mouse	Deer				Fauna
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8-Hexachlorodibenzofuran	2.09E-02	2.49E-05	6.60E-07	1.32E-06	1.32E-06	5.16E-03	1.72E-05	1.85E-04	1.76E-05	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-03	9.97E-06	2.64E-07	5.28E-07	5.28E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-02	1.42E-05	3.77E-07	7.54E-07	7.54E-07	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-02	1.20E-05	2.44E-07	6.33E-07	6.33E-07	6.20E-03	1.24E-05	1.33E-04	6.34E-06	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	7.98E-03	2.64E-05	2.84E-04	2.75E-05	4.00E-02	5.78E-03
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-02	2.74E-05	7.25E-07	1.45E-06	1.45E-06	ND	ND	ND	ND	ND	ND
	Benazide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-02	3.03E-05	8.01E-07	1.60E-06	1.60E-06	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-01	2.04E-04	5.38E-06	1.03E-05	1.03E-05	ND	ND	ND	ND	ND	ND
	Endosulfan sulfate	5.98E-03	7.12E-06	1.88E-07	3.77E-07	3.77E-07	6.15E-05	1.23E-07	1.32E-06	1.26E-07	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.46E-03	7.69E-06	2.03E-07	4.07E-07	4.07E-07	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	ND	ND	ND	ND	ND	ND
	PCB 1221	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
	PCB 1232	1.79E+00	2.14E-03	5.65E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (SWMU Co-Located Soil) (continued)

SWMU	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kit	Plants	Soil
45 (cont.)												
	PCB 1242	1.79E+00	2.14E-03	5.63E-05	1.13E-04	1.13E-04	3.16E-02	8.05E-05	8.66E-04	7.55E-05	1.25E-02	2.08E-03
	PCB 1262	5.38E+02	6.41E-01	1.70E-02	3.39E-02	3.39E-02	9.49E+00	2.41E-02	2.60E-01	2.27E-02	3.75E+00	6.25E-01
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrayl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.13E+00	4.91E-03	1.30E-04	2.60E-04	2.60E-04	ND	ND	ND	ND	ND	ND
10	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1B	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1C	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1B	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1C	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Note.— Analytes in bold are COPCs but are addressed qualitatively. All other analytes are not final COPCs.
 *No toxicity data and not final COPC.

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(Co-Located Soil - ESA Basis)*

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
ESA-1	1,2,3-Trichlorobenzene	ND ⁰	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	3.28E-02	5.38E-04	5.79E-03	3.38E-04	1.00E-03	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	1.11E-03	3.02E-05	3.26E-04	3.10E-05	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	2.09E-02	2.04E-04	5.41E-06	1.08E-05	1.08E-05	5.16E-03	1.41E-04	1.52E-03	1.44E-04	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-03	8.17E-05	2.16E-06	4.33E-06	4.33E-06	ND	ND	ND	ND	ND	ND
	Endosulfan I	1.20E-02	1.17E-04	3.09E-06	6.18E-06	6.18E-06	ND	ND	ND	ND	ND	ND
	Aldrin	1.00E-02	9.80E-05	2.00E-06	5.19E-06	5.19E-06	6.20E-03	1.02E-04	1.09E-03	5.20E-05	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	7.98E-03	2.17E-04	2.33E-03	2.25E-04	4.00E-02	5.78E-03
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-02	2.25E-04	5.95E-06	1.19E-05	1.19E-05	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(Co-Located Soil - ESA Basis) (continued)*

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1 (cont.)	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-02	2.48E-04	6.57E-06	1.31E-05	1.31E-05	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.71E-01	1.67E-03	4.41E-05	8.43E-05	8.43E-05	6.15E-05	1.01E-06	1.09E-05	1.03E-06	ND	ND
	Endosulfan sulfate	5.98E-03	5.84E-05	1.55E-06	3.09E-06	3.09E-06	ND	ND	ND	ND	ND	ND
	Fenophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.46E-03	6.30E-05	1.67E-06	3.34E-06	3.34E-06	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ESA-2	PCB 1016	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB 1221	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB 1232	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB 1242	1.79E+00	1.75E-02	4.64E-04	9.27E-04	9.27E-04	3.16E-02	6.60E-04	7.10E-03	6.19E-04	1.25E-02	2.08E-03
	PCB 1262	5.38E+02	5.25E+00	1.39E-01	2.78E-01	2.78E-01	9.49E+00	1.98E-01	2.13E+00	1.86E-01	3.75E+00	6.25E-01
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.13E+00	4.03E-02	1.07E-03	2.13E-03	2.13E-03	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	3.28E-02	1.20E-03	7.27E-03	7.52E-04	1.00E-03	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	2.17E-05	1.32E-06	8.01E-06	1.35E-06	ND	ND

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(Co-located Soil - ESA Basis) (continued)*

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Plants	Soil Fauna
ESA-2 (cont.)	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Methyl-4-chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3,7,8,9-Hexachlorodibenzofuran	1.67E-03	3.62E-05	9.59E-07	1.91E-06	1.91E-06	4.11E-04	2.50E-05	1.52E-04	2.56E-05	ND	ND
	alpha-Hexachlorocyclohexane	8.37E-04	1.82E-05	4.82E-07	9.64E-07	9.64E-07	ND	ND	ND	ND	ND	ND
	Endosulfan I	2.59E-03	5.64E-05	1.49E-06	2.99E-06	2.99E-06	ND	ND	ND	ND	ND	ND
	Aldrin	1.49E-03	3.23E-05	6.57E-07	1.71E-06	1.71E-06	9.16E-04	3.35E-05	2.03E-04	1.71E-05	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	7.96E-06	4.83E-05	8.27E-06	6.60E-04	9.54E-05
	Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	5.00E-05	1.32E-06	2.65E-06	2.65E-06	ND	ND	ND	ND	ND	ND
	Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	5.52E-05	1.46E-06	2.93E-06	2.93E-06	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dithiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.07E-01	2.32E-03	6.14E-05	1.17E-04	1.17E-04	3.84E-05	1.40E-06	8.51E-06	1.44E-06	ND	ND
	Endosulfan sulfate	8.43E-04	1.83E-05	4.85E-07	9.70E-07	9.70E-07	ND	ND	ND	ND	ND	ND
	Fenopros	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	1.40E-05	3.71E-07	7.41E-07	7.41E-07	ND	ND	ND	ND	ND	ND

ESA	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Kit	Plants	Soil
ESA-2 (cont.)	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	3.90E-03	1.03E-04	2.06E-04	2.06E-04	3.16E-03	1.47E-04	8.92E-04	1.38E-04	1.25E-03	2.08E-04
	PCB 1262	1.13E-01	2.46E-01	6.50E-03	1.30E-02	1.30E-02	1.99E-01	9.26E-03	5.62E-02	8.69E-03	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toxaphene	4.05E-01	8.81E-03	2.33E-04	4.67E-04	4.67E-04	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Diphenylhydrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dinitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,5-Dinitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4,6-Dinitro-2-cresol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	ND	ND	ND	ND	ND						

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(Co-Located Soil - ESA Basis) (continued)*

ESA	Analyte	Passerines	American	Great	Golden	Bald	Deer	Mule	Jackrabbit	Fox	Plants	Soil
RSA (cont.)	Endosulfan I	1.20E-03	6.77E-05	2.41E-05	4.82E-05	4.82E-05	ND	ND	ND	ND	ND	ND
	Aldrin	5.25E-03	2.97E-04	8.14E-05	2.12E-04	2.12E-04	3.24E-03	2.59E-04	7.17E-04	1.62E-03	ND	ND
	Acenaphthylene	ND	ND	ND	ND	ND	1.32E-04	1.74E-05	4.83E-05	2.21E-04	6.60E-04	9.54E-05
	Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethoxy) methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroisopropyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-chloroethyl) ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	beta-Hexachlorocyclohexane	2.30E-03	1.30E-04	4.64E-05	9.29E-05	9.29E-05	ND	ND	ND	ND	ND	ND
	Benidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	p-Chlorophenylmethyl sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	delta-Hexachlorocyclohexane	2.54E-03	1.44E-04	5.13E-05	1.03E-04	1.03E-04	ND	ND	ND	ND	ND	ND
	Dicyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vapona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Endrin ketone	1.95E-02	1.10E-03	3.93E-04	7.50E-04	7.50E-04	7.01E-06	5.61E-07	1.55E-06	7.01E-06	ND	ND
	Endosulfan sulfate	1.10E-03	6.22E-05	2.22E-05	4.43E-05	4.43E-05	ND	ND	ND	ND	ND	ND
	Famophos	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isodrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Potassium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Kepone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methoxychlor	6.44E-04	3.64E-05	1.30E-05	2.60E-05	2.60E-05	ND	ND	ND	ND	ND	ND
	Magnesium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Mirex	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Malathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Sodium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Oxathiane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PCB 1016	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1221	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1232	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1242	1.79E-01	1.02E-02	3.62E-03	7.24E-03	7.24E-03	3.16E-03	3.22E-04	8.92E-04	3.69E-03	1.25E-03	2.08E-04
	PCB 1262	1.13E+01	6.39E-01	2.28E-01	4.56E-01	4.56E-01	1.99E-01	2.03E-02	5.62E-02	2.32E-01	7.88E-02	1.31E-02
	Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Parathion	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Supona	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(Co-Located Soil - ESA Basis) (continued)*

ESA	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
RSA (cont.)	Tetryl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ESA-1	Toxaphene	4.05E-01	2.29E-02	8.18E-03	1.64E-02	1.64E-02	ND	ND	ND	ND	ND	ND
ESA-2	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RSA	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ESA-1	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ESA-2	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RSA	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Note-- Analytes in bold are COPCs but are addressed qualitatively. All other analytes are not final COPCs.
*No toxicity data and not final COPC.

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(Surface Water - ESA Basis)*

SWMU	ANALYTE	PASSERINES	AMERICAN KESTREL	GREAT HORNED OWL	GOLDEN EAGLE	BALD EAGLE	DEER MOUSE	MULE DEER	JACKRABBIT	KIT FOX	ESA
11	3,5-Dinitroaniline	ND ^a	ND	ND	ND	ND	NA ^b	ND	ND	ND	ESA-2
45	Cyanide	ND	ND	ND	ND	ND	NA	ND	ND	ND	ESA-1
11	Bromacil	ND	ND	ND	ND	ND	NA	ND	ND	ND	ESA-2
11	Dibenzofuran	ND	ND	ND	ND	ND	NA	ND	ND	ND	ESA-2
45	Toluene	ND	ND	ND	ND	ND	NA	ND	ND	ND	ESA-1

^aNo toxicity data or a VOC or qualitative COPC.

^bNot applicable.

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(TEAD Historic Soil and Sediment Data)*

SWMU ^(d)	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Mule	Jackrabbit	Fox	Kit	Plants	Soil Fauna
01	Trichlorofluoromethane	ND ^(b)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	Nitrite, nitrate - nonspecific	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01	Tetrachloroethylene	ND	ND	ND	ND	ND	2.08E-06	2.43E-07	7.69E-07	2.48E-07	ND	ND	ND	ND
01	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04	Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06	Nitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06	Phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07	Fluoride	ND	ND	ND	ND	ND	9.35E-02	2.56E-03	2.75E-02	2.62E-03	2.62E-03	ND	ND	ND
13	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	5.60E-05	5.60E-07	2.41E-06	5.73E-07	ND	ND	ND	ND
13	Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Trichloroethylene	ND	ND	ND	ND	ND	1.03E-03	2.56E-05	2.76E-04	2.63E-05	ND	ND	ND	ND
19	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Toluene	ND	ND	ND	ND	ND	1.27E-06	3.63E-09	3.91E-08	3.72E-09	ND	ND	ND	ND
20	Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	PETN / Pentaerythritol tetranitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Total phosphates	ND	ND	ND	ND	ND	2.27E-06	7.96E-10	8.56E-09	8.14E-10	ND	ND	ND	ND
21	Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Nitrite	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Cyanide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Nitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Nitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(TEAD Historic Soil and Sediment Data) (continued)*

SWMU	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Fox	Kitt	Plants	Soil Fauna
35	Sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Phosphate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	pH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Total phosphates	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Xylenes	ND	ND	ND	ND	ND	5.27E-07	2.46E-10	2.63E-09	2.52E-10	ND	ND	ND
38	Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Nitrate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Trichloroethylene	ND	ND	ND	ND	ND	1.15E-05	1.44E-08	1.53E-07	1.48E-08	ND	ND	ND
45	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1.13E-04	6.79E-08	2.92E-07	6.95E-08	ND	ND	ND
47	m-Xylene	ND	ND	ND	ND	ND	2.27E-04	1.36E-07	1.47E-06	1.40E-07	ND	ND	ND
47	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	m-Xylene	ND	ND	ND	ND	ND	2.42E-03	3.23E-04	8.96E-04	4.04E-03	ND	ND	ND
52	Myristic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Pentadecanoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Palmitic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Xylenes	ND	ND	ND	ND	ND	2.63E-03	3.51E-04	9.73E-04	4.38E-03	ND	ND	ND

Note: -- Analytes are COPCs but are addressed qualitatively (e.g., anions, dibenzofuran) or not addressed because they are VOCs or solvents. C14A, C15A and C16A apply only to SWMU 52 (not included in the SWERA).

*Solid Waste Management Unit.

**No toxicity data.

*Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices
(Surface Water- SWMU Basis)*

SWMU	ANALYTE	PASSERINES	AMERICAN	GREAT	GOLDEN	BALD	DEER	MULE	JACKRABBIT	KIT
			KESTREL	HORNED OWL	EAGLE	EAGLE	MOUSE	DEER		FOX
23	Nitrate	ND ^(a)	ND	ND	ND	ND	NA ^(b)	ND	ND	ND
23	Phosphate	ND	ND	ND	ND	ND	NA	ND	ND	ND
23	Sulfate	ND	ND	ND	ND	ND	NA	ND	ND	ND
45	Cyanide	ND	ND	ND	ND	ND	NA	ND	ND	ND
11	Bromacil	ND	ND	ND	ND	ND	NA	ND	ND	ND
11	Dibenzofuran	ND	ND	ND	ND	ND	NA	ND	ND	ND
23	Methylene chloride	ND	ND	ND	ND	ND	NA	3.09E-04	1.43E-03	8.23E-04
23	Chloromethane	ND	ND	ND	ND	ND	NA	ND	ND	ND
45	Toluene	ND	ND	ND	ND	ND	NA	ND	ND	ND
11	3,5-Dinitroaniline	ND	ND	ND	ND	ND	NA	ND	ND	ND
11	2,6-Dinitrotoluene	ND	ND	ND	ND	ND	NA	1.92E-03	8.88E-03	3.15E-03

^(a)No toxicity data or not a final COPC or a VOC.

^(b)Not applicable.

Summary of Analyte-Matrix-Receptor Specific Hazard Quotients Not Used in the Calculation of Hazard Indices (ESA Basis)

ESA	Matrix	Analyte	Passerines	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
ESA-1	Beetle	789HXXF	1.09E-04	3.93E-06	1.04E-07	2.07E-07	2.07E-07	1.17E-04	3.75E-06	4.08E-05	2.77E-06	ND	ND
	Grasshopper	789HXXF	9.29E-05	3.35E-06	8.86E-08	1.77E-07	1.77E-07	9.94E-05	3.19E-06	3.47E-05	2.36E-06	ND	ND
	Gumweed	789HXXF	2.26E-04	8.15E-06	2.16E-07	4.30E-07	4.30E-07	2.42E-04	7.77E-06	8.45E-05	5.74E-06	ND	ND
	Jackrabbit	789HXXF	1.92E-04	6.91E-06	1.83E-07	3.64E-07	3.64E-07	2.03E-04	6.58E-06	7.16E-05	4.87E-06	ND	ND
	Rabbitbrush	789HXXF	3.34E-04	1.20E-05	3.19E-07	6.35E-07	6.35E-07	3.57E-04	1.15E-05	1.25E-04	8.49E-06	ND	ND
ESA-2	Sweetclover	789HXXF	4.39E-04	1.58E-05	4.19E-07	8.35E-07	8.35E-07	4.70E-04	1.51E-05	1.64E-04	1.12E-05	ND	ND
	Ambrosia	789HXXF	8.04E-05	6.46E-06	1.71E-07	3.41E-07	3.41E-07	8.60E-05	6.13E-06	3.77E-05	4.55E-06	ND	ND
	Beetle	789HXXF	4.47E-04	3.59E-05	9.50E-07	1.90E-06	1.90E-06	4.79E-04	3.42E-05	2.10E-04	2.53E-05	ND	ND
	Grasshopper	789HXXF	9.72E-04	7.81E-05	2.07E-06	4.12E-06	4.12E-06	1.04E-03	7.44E-05	4.56E-04	5.51E-05	ND	ND
	Gumweed	789HXXF	4.24E-04	3.41E-05	9.02E-07	1.80E-06	1.80E-06	4.54E-04	3.25E-05	1.99E-04	2.40E-05	ND	ND
RSA	Rabbitbrush	789HXXF	1.36E-04	1.09E-05	2.88E-07	5.75E-07	5.75E-07	1.43E-04	1.04E-05	6.37E-05	7.68E-06	ND	ND
	Sweetclover	789HXXF	2.09E-04	1.68E-05	4.44E-07	8.85E-07	8.85E-07	2.23E-04	1.60E-05	9.80E-05	1.18E-05	ND	ND
	Beetle	789HXXF	1.64E-04	3.42E-05	1.21E-05	2.41E-05	2.41E-05	1.75E-04	2.75E-05	7.69E-05	2.48E-04	ND	ND
	Grasshopper	789HXXF	3.48E-04	7.27E-05	2.57E-05	5.12E-05	5.12E-05	3.73E-04	5.84E-05	1.63E-04	5.27E-04	ND	ND
	Gumweed	789HXXF	7.04E-04	1.47E-04	5.19E-05	1.04E-04	1.04E-04	7.53E-04	1.18E-04	3.31E-04	1.07E-03	ND	ND
ESA-2	Jackrabbit	789HXXF	3.36E-04	7.02E-05	2.48E-05	4.94E-05	4.94E-05	3.60E-04	5.64E-05	1.58E-04	5.09E-04	ND	ND
	Rabbitbrush	789HXXF	6.97E-04	1.46E-04	5.14E-05	1.03E-04	1.03E-04	7.46E-04	1.17E-04	3.27E-04	1.06E-03	ND	ND
	Sweetclover	789HXXF	2.18E-04	4.56E-05	1.61E-05	3.21E-05	3.21E-05	2.34E-04	3.66E-05	1.02E-04	3.30E-04	ND	ND
	Jackrabbit	789HXXF	6.07E-02	4.88E-03	1.29E-04	2.57E-04	2.57E-04	6.50E-02	4.65E-03	2.85E-02	3.44E-03	ND	ND
	Sweetclover	789HXXF											

Note: 789 HXXF is not a final COPC.

*No toxicity data and analyte is not a final COPC.

Air Hazard Quotients (HQs)/Hazard Indices (HIs) Based on Modeled Air Exposure Point Concentrations

Analyte	SWMU ^(a)	Deer Mouse HQs	Kit Fox HQs	Comment	Deer Mouse HIs	Kit Fox HIs
Xylenes	12/15	5.25E-07	1.48E-06		8.34E-06	1.82E-05
Trichlorofluoromethane		NA ^(b)	NA	No TBV ^(c)		
Trichloroethylene		4.66E-06	9.86E-06			
Ethylbenzene		NA	NA	No TBV		
Acrylonitrile		NA	NA	No TBV		
Chlorobenzene		2.16E-07	4.57E-07	Use DCB ^(d)		
Dichloroethylene		2.64E-06	5.57E-06	Use PCE ^(e)		
MIBK (methyl isobutyl ketone)		1.22E-07	3.43E-07	Use MEK ^(f)		
Tetrachloroethylene		1.77E-07	5.00E-07			
Toluene		NA	NA	No TBV		
Benzo(a) anthracene	29/30	7.75E-11	2.19E-10		4.71E-06	1.33E-05
Benzo(a)pyrene		8.65E-09	2.44E-08			
Benzo(k)fluoranthene		1.11E-13	3.14E-13			
Carbon Tetrachloride		NA	NA	No TBV		
Chrysene		1.82E-12	5.14E-12			
Ethylbenzene		NA	NA	No TBV		
Fluoranthene		3.62E-08	1.02E-07			
Phenanthrene		1.92E-07	5.40E-07			
Pyrene		3.88E-11	1.09E-10			
Tetrachloroethylene		2.62E-06	7.39E-06			
Toluene		NA	NA	No TBV		
1,1,1-Trichloroethane		1.85E-06	5.21E-06			
2,4 Dinitrotoluene	1	2.31E-07	6.50E-07		9.83E-07	2.77E-06
2,6-Dinitrotoluene		7.53E-07	2.12E-06			
Cyclotetramethylenetetranitramine (HMX)		1.22E-15	3.43E-15			
2,4,6 Trinitrobenzene		NA	NA	No TBV		
2,4 Dinitrotoluene	10/11	7.67E-07	2.16E-06		7.67E-07	2.16E-06
1,3,5 Trinitrobenzene		NA	NA	No TBV		
Cyclotetramethylenetetranitramine (HMX)		2.05E-15	5.79E-15			
2,4,6 Trinitrobenzene		NA	NA	No TBV		
Toluene		NA	NA	No TBV		

^aSolid Waste Management Unit.

^bNot applicable.

^cToxicity benchmark value.

^dDichlorobenzene

^ePerchloroethylene

^fMethyl ethyl ketone

Key to Weight of Evidence (WOE) Ratings by Category

Category	Relative WOE	Criteria	Rating	Comment
1 - Analytical Detection Limit (DL)/Toxicity Benchmark Value Comparison (TBVComp)				
2 - Data Quality/Data Type	HIGH	DL < TBVcomp	10	dietary ingestion only
	NO TBVcomp		0	if one or more matrices fail - then all fail
	LOW	DL > TBVcomp	-10	
	HIGH	soil + biota + surf water	250	
3 - C-term (Dietary Component Receptors Only)	MED	soil +biota	200	
	MED-LOW	soil + surf water	150	
	LOW	soil only	100	
	HIGH	Measured	3	
4 - Toxicity Benchmark Values (TBVs)	MED	Modeled	2	
	MED-LOW	Extrapolated / hypothetical / 1/2 DL	1	
	LOW	No Data	0	
	HIGH	> 3 studies	3	
5 - Uncertainty Factors (UFs)	MED	2-3 studies	2	
	LOW	1 study	1	
	NONE	no studies	0	
	HIGH	< 10	3	
6 - N (Total No. of Samples)	MED	10 - 100	2	
	LOW	> 100-500	1	
	NONE	> 500 (qualitative)	0	
	HIGH	>50	300	N may include soil, biota and surface water
7 - Comparison of HIs to the RSA	MED	25-50	200	
	LOW	< 25	100	
	HIGH	TEAD HI > RSA by GE by 10X	200	based on TEAD historic data only
	MED	TEAD HI > RSA HI	100	
7 - Comparison of HIs to the RSA	LOW	TEAD HI <= RSA HI	0	

Weight of Evidence Rating for Toxicity Benchmark Values

Analyte Code	Analyte	Great										Soil Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	
111TCE	1,1,1-Trichloroethane						2	2	2			
12DCLB	1,2-Dichlorobenzene									2		
135TNB	1,3,5-Trinitrobenzene											
13DCLB	1,3-Dichlorobenzene						2	2	2			
13DMB	1,3-Dimethylbenzene											
14DCLB	1,4-Dichlorobenzene						2	2	2			
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
246TNT	2,4,6-Trinitrotoluene						2	2	2	2	1	
24D	2,4-Dichlorophenoxyacetic acid						3	3	3	3		
24DNT	2,4-Dinitrotoluene						2	2	2	2	1	
24NAP	2-Methylnaphthalene						2	2	2	2	2	
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		2
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
789HXD	1,2,3,7,8,9-Heptachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1	1	1	1	1	1	1	1	1		
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
ACET	Acetone											
ACLDAN	alpha-Chlordane	2	2	2	2	2	1	1	1	1		
AG	Silver	1	1	1	1	1					1	
AL	Aluminum						3	3	3	3	2	1
ANAPNE	Acenaphthene						2	2	2	2	2	2
ANTRC	Anthracene						2	2	2	2	2	2
AS	Arsenic	1	1	1	1	1	2	2	2	2	3	1
B2EHP	Bis(2-ethylhexyl) phthalate	2	2	2	2	2	2	2	2	2	2	
BA	Barium	1	1	1	1	1	1	1	1	1	1	
BAANTR	Benzo[a]anthracene						2	2	2	2	2	2
BAPYR	Benzo[a]pyrene						2	2	2	2	2	2
BBFANT	Benzo[b]fluoranthene						2	2	2	2	2	2
BBZP	Butylbenzyl phthalate	2	2	2	2	2	2	2	2	2	2	
BE	Beryllium	1	1	1	1	1	2	2	2	2	2	
BENSLF	Endosulfan II											
BGHPY	Benzo[ghi]perylene						2	2	2	2	2	2
BKFANT	Benzo[k]fluoranthene						2	2	2	2	2	2
BZALC	Benzyl alcohol											
C14A	Myristic acid											
C15A	Pentadecanoic acid											
C16A	Palmitic acid	1	1	1	1	1	1	1	1	1		

Weight of Evidence Rating for Toxicity Benchmark Values (continued)

Analyte Code	Analyte	Great										Klt Fox	Plants	Soil Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit					
C6H6	Benzene													
CCL3F	Trichlorofluoromethane	1	1	1	1	1	2	2	2	2	2	2	3	3
CD	Cadmium													
CHCL	Chloromethane													
CHCL3	Chloroform						2	2	2	2	2	2	2	2
CHRY	Chrysene	2	2	2	2	2	1	1	1	1	1	1	1	1
CLDAN	Chlordane	2	2	2	2	2	3	3	3	3	3	3	3	3
CO	Cobalt	3	3	3	3	3	2	2	2	2	2	2	2	2
CR	Chromium													
CRHEX	Hexavalent Chromium	2	2	2	2	2	3	3	3	3	3	3	3	3
CU	Copper													
CYN	Cyanide													
DBAHA	Dibenz[ah]anthracene						2	2	2	2	2	2	2	2
DBZFUR	Dibenzofuran													
DCLB	Dichlorobenzene	3	3	3	3	3	2	2	2	2	2	2	2	2
DLDRN	Dieldrin													
DMP	Dimethyl phthalate	2	2	2	2	2	2	2	2	2	2	2	2	2
DNP	Di-n-butyl phthalate	2	2	2	2	2	2	2	2	2	2	2	2	2
DNBP	Di-n-butyl phthalate	2	2	2	2	2	2	2	2	2	2	2	2	2
DNOP	Di-n-octyl phthalate	2	2	2	2	2	1	1	1	1	1	1	1	1
ENDRN	Endrin	2	2	2	2	2	1	1	1	1	1	1	1	1
ENDRNA	Endrin aldehyde	2	2	2	2	2	1	1	1	1	1	1	1	1
ETC6H5	Ethylbenzene													
F	Fluoride													
FANT	Fluoranthene	2	2	2	2	2	2	2	2	2	2	2	2	2
FE	Iron													
FLRENE	Fluorene													
GCLDAN	gamma-Chlordane	2	2	2	2	2	1	1	1	1	1	1	1	1
HG	Mercury	3	3	3	3	3	3	3	3	3	3	3	3	3
HMX	Cyclotetramethylenetetranitramine													
HPCL	Heptachlor	2	2	2	2	2	1	1	1	1	1	1	1	1
HPCLE	Heptachlor epoxide	2	2	2	2	2								
ICDPYR	Indeno[1,2,3-C,D]pyrene						2	2	2	2	2	2	2	2
LIN	Lindane	2	2	2	2	2								
MEC6H5	Toluene													
MN	Manganese	1	1	1	1	1	3	3	3	3	3	3	3	3
NAP	Naphthalene						2	2	2	2	2	2	2	2
NB	Nitrobenzene						1	1	1	1	1	1	1	1
NI	Nickel	1	1	1	1	1	2	2	2	2	2	2	2	2
NIT	Nitrate/nitrite													
NNDPA	N-Nitrosodiphenylamine						1	1	1	1	1	1	1	1
NO2	Nitrite													
NO3	Nitrate													
OCDD	Octachlorodibenzodioxin - nonspecific	1	1	1	1	1	1	1	1	1	1	1	1	1

Weight of Evidence Rating for Toxicity Benchmark Values (continued)

Analyte Code	Analyte	Great										Soil Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox	Plants	
OCDF	Octachlorodibenzofuran - nonspecific	1	1	1	1	1	1	1	1	1		
PB	Lead	2	2	2	2	2	3	3	3	3	3	2
PCB248	PCB 1248				2	2	2	2	2	2	1	2
PCB254	PCB 1254	2	2	2	2	2	2	2	2	2	1	2
PCB260	PCB 1260	2	2	2	2	2	2	2	2	2	1	2
PETN	Pentaerythritol tetranitrate											
PH	pH											
PHANTIR	Phenanthrene						2	2	2	2	2	2
PHENOL	Phenol						1	1	1	1		1
PO4	Phosphate											
PPDDD	ppDDD	3	3	3	3	3	3	3	3	3	1	1
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	3	3	3	3	3	3	3	3	3	1	1
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	3	3	3	3	3	3	3	3	3	1	1
PYR	Pyrene						2	2	2	2	2	2
RDX	RDX / Cyclonite						1	1	1	1		
SB	Antimony						2	2	2	2	1	
SE	Selenium	3	3	3	3	3	3	3	3	3	2	1
SO4	Sulfate											
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	1	1	1	1	1	1	1	1	1		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	1	1	1	1	1	1	1	1	1		
TCL	Tetrachloroethylene											
TCL	Total hexachlorodibenzo-p-dioxins											
THCDD	Total hexachlorodibenzofurans											
THCDF	Total heptachlorodibenzo-p-dioxins											
THPCDD	Total heptachlorodibenzofurans											
THPCDF	Thallium	1	1	1	1	1	3	3	3	3	1	
TL	Total pentachlorodibenzo-p-dioxins											
TPCDD	Total pentachlorodibenzofurans											
TPCDF	Total Petroleum Hydrocarbons											
TPHC	Total Phosphates											
TPO4	Trichloroethylene											
TRCLE	Total tetrachlorodibenzo-p-dioxins											
TTCDD	Total tetrachlorodibenzofurans											
TTCDF	Vanadium											
V	Xylenes	3	3	3	3	3	3	3	3	3	1	
XYLEN	Zinc											
ZN												
SUM		92	92	92	92	92	148	148	148	148	85	64

Weight of Evidence Rating for Uncertainty Factors

Analyte Code	Analyte	Great										Soil Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox	Plants	
111TCE	1,1,1-Trichloroethane						1	1	1			
12DCLB	1,2-Dichlorobenzene						2	2	2	2		
135TNB	1,3,5-Trinitrobenzene						2	2	2	2		
13DCLB	1,3-Dichlorobenzene						2	2	2	2		
13DMB	1,3-Dimethylbenzene (m-Xylene)						2	2	2	2		
14DCLB	1,4-Dichlorobenzene						3	3	3	3		
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	2	2	2	1	1	3	3	3	3		
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	2	2	2	1	1	3	3	3	3		
246TNT	2,4,6-Trinitrotoluene						3	3	3	3		
24D	2,4-Dichlorophenoxyacetic acid						2	2	2	2		
24DNT	2,4-Dinitrotoluene						2	2	2	2		
2MNAP	2-Methylnaphthalene						3	3	3	3		
2MHPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	3		
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2	2	2	1	1	3	3	3	3		
678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	3		
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	2	2	2	1	1	3	3	3	3		
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2	2	2	1	1	3	3	3	3		
789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	3		
78FXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	3		
78FXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	2	2	2	1	1	3	3	3	3		
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2	2	2	1	1	3	3	3	3		
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	2	2	2	1	1	3	3	3	3		
ACET	Acetone											
ACLDAN	alpha-Chlordane	3	3	3	2	2	3	3	3	3	2	
AG	Silver	2	2	2	2	2	3	3	3	3	2	
AL	Aluminum						2	2	2	2	2	
ANAPNE	Acenaphthene						3	3	3	3	2	
ANTRC	Anthracene						3	3	3	3	2	
AS	Arsenic	3	3	3	2	2	3	3	3	3	2	
B2EHP	Bis(2-ethylhexyl) phthalate	2	2	2	1	1	2	2	2	2	2	
BA	Barium	3	3	3	2	2	3	3	3	3	2	
BAANTR	Benzo[a]anthracene						3	3	3	3	2	
BAPYR	Benzo[a]pyrene						3	3	3	3	2	
BBFANT	Benzo[b]fluoranthene						3	3	3	3	2	
BBZP	Butylbenzyl phthalate	2	2	2	1	1	2	2	2	2	2	
BE	Beryllium	2	2	2	2	2	3	3	3	3	2	
BENSLF	Endosulfan II	1	1	1								
BGHPY	Benzo[ghi]perylene						3	3	3	3	2	
BKFANT	Benzo[k]fluoranthene						3	3	3	3	2	
BZALC	Benzyl alcohol						1	1	1	1	1	
C14A	Myristic acid											
C15A	Pentadecanoic acid											
C16A	Palmitic acid											

Weight of Evidence Rating for Uncertainty Factors (continued)

Analyte Code	Analyte	Great										Soil Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kitt Fox	Plants	
C6H6	Benzene											
CCL3F	Trichlorofluoromethane	2	2	2	2	2	3	3	3	2		
CD	Cadmium											
CH3CL	Chloromethane											
CHCL3	Chloroform											
CHRY	Chrysene	3	3	3	2	2	3	2	2	2		
CLDAN	Chlordane	2	2	2	2	2	1	3	3	2		
CO	Cobalt	3	3	3	2	2	3	3	1	1		
CR	Chromium											
CRHEX	Hexavalent chromium	3	3	3	2	2	3	3	3	3		
CU	Copper											
CYN	Cyanide											
DBAHA	Dibenz[ah]anthracene											
DBZFUR	Dibenzofuran											
DCLB	Dichlorobenzene											
DLDRN	Dieldrin	3	3	3	2	2	2	2	2	2		
DMP	Dimethyl phthalate	2	2	2	1	1	2	3	3	3		
DNPB	Di-n-butyl phthalate	2	2	2	1	1	2	2	2	2		
DNOP	Di-n-octyl phthalate	2	2	2	1	1	2	2	2	2		
ENDRN	Endrin	2	2	2	2	2	1	1	1	1		
ENDRNA	Endrin aldehyde	2	2	2	2	2	1	1	1	1		
ETC6H5	Ethylbenzene											
F	Fluoride											
FANT	Fluoranthene	3	3	3	2	2	3	3	3	2		
FE	Iron											
FLRENE	Fluorene											
GCLDAN	gamma-Chlordane											
HG	Mercury	3	3	3	2	2	2	2	2	2		
HMX	Cyclotetramethylenetetranitramine											
HPCL	Heptachlor	2	2	2	2	2	2	1	1	1		
HPCLE	Heptachlor epoxide	2	2	2	2	2						
ICDPYR	Indeno[1,2,3-c,d]pyrene											
LIN	Lindane	2	2	2	2	2	3	2	2	2		
MEC6H5	Toluene											
MN	Manganese	3	3	3	2	2	3	2	2	2		
NAP	Naphthalene											
NB	Nitrobenzene											
NI	Nickel	2	2	2	2	2	2	2	2	2		
NIT	Nitrate/nitrite											
NNDPA	N-Nitrosodiphenylamine											
NO2	Nitrite											
NO3	Nitrate											
OCDD	Octachlorodibenzodioxin - nonspecific	2	2	2	1	1	3	3	3	2		

Weight of Evidence Rating for Uncertainty Factors (continued)

Analyte Code	Analyte	Great										Soil Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox	Plants	
OCDF	Octachlorodibenzofuran - nonspecific	2	2	2	1	1	3	3	3	2		
PB	Lead	3	3	3	3	3	3	2	2	2		
PCB248	PCB 1248	3	3	3	2	2	2	2	2	2		
PCB254	PCB 1254	3	3	3	2	2	2	2	2	2		
PCB260	PCB 1260	3	3	3	2	2	2	2	2	2		
PETN	Pentaerythritol tetranitrate											
PH	pH											
PHANTR	Phenanthrene						3	2	2	2		
PHENOL	Phenol						3	3	3	2		
PO4	Phosphate											
PPDDD	ppDDD	2	2	2	2	3	3	3	3	2		
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	2	2	2	2	3	3	3	3	2		
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	2	2	2	2	3	3	3	3	2		
PYR	Pyrene						3	2	2	2		
RDX	RDX / Cyclonite						2	2	2	2		
SB	Antimony						3	2	2	2		
SE	Selenium	3	3	3	2	2	2	2	2	2		
SO4	Sulfate											
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	2	2	2	1	1	3	3	3	2		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	2	2	2	1	1	3	3	3	2		
TCLEE	Tetrachloroethylene						3	3	3	2		
THCDD	Total hexachlorodibenzo-p-dioxins	2	2	2	1	1	3	3	3	2		
THCDF	Total hexachlorodibenzofurans	2	2	2	1	1	3	3	3	2		
THPCDD	Total heptachlorodibenzo-p-dioxins	2	2	2	1	1	3	3	3	2		
THPCDF	Total heptachlorodibenzofurans	2	2	2	1	1	3	3	3	2		
TL	Thallium	1	1	1			2	1	1	1		
TPCDD	Total pentachlorodibenzo-p-dioxins	2	2	2	1	1	3	3	3	2		
TPCDF	Total pentachlorodibenzofurans	2	2	2	1	1	3	3	3	2		
TPHC	Total Petroleum Hydrocarbons	3	3	3	2	2	2	2	2	2		
TPO4	Total Phosphates											
TRCLE	Trichloroethylene						2	2	2	2		
TTCCDD	Total tetrachlorodibenzo-p-dioxins	2	2	2	1	1	3	3	3	2		
TTCDF	Total tetrachlorodibenzofurans	2	2	2	1	1	3	3	3	2		
V	Vanadium						2	2	2	2		
XYLEN	Xylenes						2	2	2	2		
ZN	Zinc	2	2	2	2	2	3	3	3	2		
SUM		137	137	137	90	93	248	225	225	182		

Weight of Evidence Rating for Analytical Detection Limits Relative to Toxicity Benchmark Values (TBVs)

Analyte Code	Analyte	Great										Soil Fauna
		Fassatine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox	Plants	
111TCE	1,1,1-Trichloroethane											
12DCLB	1,2-Dichlorobenzene											
135TIB	1,3,5-Trinitrobenzene											
13DCLB	1,3-Dichlorobenzene											
13DMB	m-Xylene											
14DCLB	1,4-Dichlorobenzene											
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	-10	10	10	10	10	10	10	10	10		
246TNT	2,4,6-Trinitrotoluene						-10	-10	-10	10		
24D	2,4-Dichlorophenoxyacetic acid						-10	10	-10	-10		
24DNT	2,4-Dinitrotoluene											
24MNP	2-Methylnaphthalene											
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	10	10	10	10	10	10	10	10	10		
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	10	10	10	10	10	10	10	10	10		
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	10	10	10	10	10	10	10	10	10		
789HDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	10	10	10	10	10	10	10	10	10		
789HDF	1,2,3,4,7,8-Hexachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	-10	10	10	10	10	-10	10	10	-10		
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	10	10	10	10	10	-10	-10	-10	-10		
ACET	Acetone											
ACLDAN	alpha-Chlordane											
AG	Silver	10	10	10	10	10	10	10	10	10		
AL	Aluminum	10					-10	10	10	10		
ANAPNE	Acenaphthene											
ANTRC	Anthracene											
AS	Arsenic	10	10	10	10	10	10	10	10	10		
B2EHP	Bis(2-ethylhexyl) phthalate											
BA	Barium	10	10	10	10	10	10	10	10	10		
BAANTR	Benzo[a]anthracene											
BAPYR	Benzo[a]pyrene											
BBFANT	Benzo[b]fluoranthene											
BBZP	Butylbenzyl phthalate											
BE	Beryllium	10	10	10	10	10	10	10	10	10		
BENSLF	Endosulfan II											
BGHPY	Benzo[ghi]perylene											
BKFANT	Benzo[k]fluoranthene											
BZALC	Benzyl alcohol											
C14A	Myristic acid											
C15A	Pentadecanoic acid											
C16A	Palmitic acid											
C6H6	Benzene											

Weight of Evidence Rating for Analytical Detection Limits Relative to Toxicity Benchmark Values (TBVs) (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kth Fox	Plants	Soil Fauna
CCl3F	Trichlorofluoromethane	-10	10	10	10	10	10	10	10	10		
CD	Cadmium											
CH3CL	Chloromethane											
CHCL3	Chloroform											
CHRY	Chrysene						10	10	10	10		
CLDAN	Chlordane											
CO	Cobalt	10	10	10	10	10	10	10	10	10		
CR	Chromium	10	10	10	10	10	10	10	10	10		
CRHEX	Hexavalent chromium											
CU	Copper	10	10	10	10	10	10	10	10	10		
CYN	Cyanide											
DBAHA	Dibenz[ah]anthracene											
DBZFUR	Dibenzofuran											
DCLB	Dichlorobenzene											
DLDRN	Dieldrin											
DMP	Dimethyl phthalate											
DNBP	Di-n-butyl phthalate											
DNOP	Di-n-octyl phthalate											
ENDRN	Endrin											
ENDRNA	Endrin aldehyde											
ETC6H5	Ethylbenzene											
F	Fluoride											
FANT	Fluoranthene	-10	10	10	10	10	10	10	10	10		
FE	Iron											
FLRENE	Fluorene											
GCLDAN	gamma-Chlordane											
HG	Mercury	10	10	10	10	10	10	10	10	10		
HMX	Cyclotetramethylenetetranitramine											
HPCL	Heptachlor											
HPCLE	Heptachlor epoxide											
ICDPYR	Indeno[1,2,3-C,D]pyrene											
LIN	Lindane											
MEC6H5	Toluene											
MN	Manganese	10	10	10	10	10	10	10	10	10		
NAP	Naphthalene											
NB	Nitrobenzene											
NI	Nickel	10	10	10	10	10	10	10	10	10		
NIT	Nitrate/nitrite											
NNDPA	N-Nitrosodiphenylamine											
NO2	Nitrite											
NO3	Nitrate											
OCDD	Octachlorodibenzodioxin - nonspecific	10	10	10	10	10	10	10	10	10		

Weight of Evidence Rating for Analytical Detection Limits Relative to Toxicity Benchmark Values (TBVs) (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
OCDF	Octachlorodibenzofuran - nonspecific	10	10	10	10	10	10	10	10	10		
PB	Lead	-10	10	10	-10	-10	10	10	10	-10		
PCB248	PCB 1248											
PCB254	PCB 1254											
PCB260	PCB 1260											
PETN	Pentaerythritol tetranitrate											
PH	pH						10	10	10	10		
PHANTR	Phenanthrene											
PHENOL	Phenol											
PO4	Phosphate											
PPDDD	ppDDD											
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	-10	10	10	10	10	10	10	10	10		
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	-10	10	10	10	10	10	10	10	10		
PYR	Pyrene						-10	-10	-10	10		
RDX	RDX / Cyclonite						-10	10	10	-10		
SB	Antimony						-10	10	10	-10		
SE	Selenium	-10	10	10	10	10	-10	10	-10	-10		
SO4	Sulfate											
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	10	10	10	10	10	10	10	10	-10		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	10	10	10	10	10	10	10	10	10		
TCLEE	Tetrachloroethylene											
THCDD	Total hexachlorodibenzo-p-dioxins											
THCDF	Total hexachlorodibenzofurans											
THPCDD	Total heptachlorodibenzo-p-dioxins											
THPCDF	Total heptachlorodibenzofurans											
TL	Thallium											
TPCDD	Total pentachlorodibenzo-p-dioxins											
TPCDF	Total pentachlorodibenzofurans											
TPHC	Total Petroleum Hydrocarbons											
TPO4	Total Phosphates											
TRCLE	Trichloroethylene											
TTCCDD	Total tetrachlorodibenzo-p-dioxins											
TTCDF	Total tetrachlorodibenzofurans											
V	Vanadium						10	10	10	10		
XYLEN	Xylenes											
ZN	Zinc	-10	10	10	10	10	10	10	10	10		
SUM		160	330	330	310	310	270	390	330	290		

Weight of Evidence Rating for Data Quality/Data Type

Location by SWMU	WOE
RSA	200
01	100
1b	200
1c	200
03	100
04	100
06	100
07	100
08	100
10	200
11	250
12	200
13	100
14	250
15	200
19	100
20	100
21	200
22	100
23	150
25	100
26	100
27	100
28	100
29	100
30	100
31	100
32	100
34	100
35	100
36	100
37	200
38	100
40	100
42	200
45	250
46	100
47	100

Note-Ranking is as follows: 250 - soil + biota + surface water samples

200 - soil + biota samples

150 - soil + surface water samples

100 - soil samples only

Weight of Evidence Rating for Term for all Except SWMU 45 and RSA

Analyte Code	Analyte	Great					Great					Plants	Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kitt Fox			
11ITCE	1,1,1-Trichloroethane												
12DCLB	1,2-Dichlorobenzene												
135TNB	1,3,5-Trinitrobenzene												
13DCLB	1,3-Dichlorobenzene												
13DMB	1,3-Dimethylbenzene (m-Xylene)												
14DCLB	1,4-Dichlorobenzene												
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	7	4	1	1	1	6	3	3	4			
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	7	4	1	1	1	6	3	3	4			
246TNT	2,4,6-Trinitrotoluene	5	2	1	1	1	4	3	3	2			
24D	2,4-Dichlorophenoxyacetic acid	5	2	1	1	1	4	3	3	2			
24DNT	2,4-Dinitrotoluene												
2MNAP	2-Methylnaphthalene												
678HPD	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5			
678HPF	1,2,3,4,6,7,8-Heptachlorodibenzofuran	7	4	1	1	1	6	3	3	4			
678HXD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	7	4	1	1	1	6	3	3	4			
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	7	4	1	1	1	6	3	3	4			
789HPF	1,2,3,4,7,8,9-Heptachlorodibenzofuran	7	4	1	1	1	6	3	3	4			
789HXD	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	7	4	1	1	1	6	3	3	4			
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	7	4	1	1	1	6	3	3	4			
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	7	4	1	1	1	6	3	3	4			
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	7	4	1	1	1	6	3	3	4			
78PCDF	1,2,3,7,8-Pentachlorodibenzofuran	7	4	1	1	1	6	3	3	4			
ACET	Acetone												
ACLDAN	alpha-Chlordane												
AG	Silver	8	5	2	2	2	6	3	3	5			
AL	Aluminum	8	5	2	2	2	6	3	3	5			
ANAPNE	Acenaphthene												
ANTRC	Anthracene												
AS	Arsenic	8	5	2	2	2	6	3	3	5			
B2EHP	Bis(2-ethylhexyl) phthalate												
BA	Barium	8	5	2	2	2	6	3	3	5			
BAANTR	Benzo[a]anthracene	5	2	1	1	1	4	3	3	2			
BAPYR	Benzo[a]pyrene												
BBFANT	Benzo[b]fluoranthene												
BBZP	Butylbenzyl phthalate												
BE	Beryllium	8	5	2	2	2	6	3	3	5			
BENSLF	Endosulfan II												
BGHPY	Benzo[ghi]perylene												
BKFANT	Benzo[k]fluoranthene												
BZALC	Benzyl alcohol	5	2	1	1	1	4	3	3	2			
C14A	Myristic acid												
C15A	Pentadecanoic acid												
C16A	Palmitic acid												
C6H6	Benzene												

Weight of Evidence Rating for Cterm for all Except SWMU 45 and RSA (continued)

Analyte Code	Analyte	Great										Plants	Soil Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Deer	Jackrabbit	Kit Fox			
CCL3F	Trichlorofluoromethane												
CD	Cadmium	8	5	2	2	2	6	3	3	5			
CH3CL	Chloromethane												
CHCL3	Chloroform												
CHRY	Chrysene	5	2	1	1	1	4	3	3	2			
CLDAN	Chlordane												
CO	Cobalt	8	5	2	2	2	6	3	3	5			
CR	Chromium	8	5	2	2	2	6	3	3	5			
CRHEX	Hexavalent chromium												
CU	Copper	8	5	2	2	2	6	3	3	5			
CYN	Cyanide												
DBAHA	Dibenz[ah]anthracene												
DBZFUR	Dibenzofuran												
DCLB	Dichlorobenzene												
DLDRN	Dieldrin												
DMP	Dimethyl phthalate												
DNBP	Di-n-butyl phthalate												
DNOP	Di-n-octyl phthalate												
ENDRN	Endrin												
ENDRNA	Endrin aldehyde												
ETC6H5	Ethylbenzene												
F	Fluoride												
FANT	Fluoranthene	5	2	1	1	1	4	3	3	2			
FE	Iron	8	5	2	2	2	6	3	3	5			
FLRENE	Fluorene												
GCLDAN	gamma-Chlordane												
HG	Mercury	8	5	2	2	2	6	3	3	5			
HMX	Cyclotetramethylenetetranitramine												
HPCL	Heptachlor												
HPCLE	Heptachlor epoxide												
ICDPYR	Indeno[1,2,3-C,D]pyrene												
LIN	Lindane												
MEC6H5	Toluene												
MN	Manganese	8	5	2	2	2	6	3	3	5			
NAP	Naphthalene												
NB	Nitrobenzene												
NI	Nickel	8	5	2	2	2	6	3	3	5			
NIT	Nitrate/nitrite												
NNDPA	N-Nitrosodiphenylamine												
NO2	Nitrite												
NO3	Nitrate												
OCDD	Octachlorodibenzodioxin - nonspecific	8	5	2	2	2	6	3	3	5			

Weight of Evidence Rating for Cterm for all Except SWMU 45 and RSA (continued)

Analyte Code	Analyte	Passerine	American Kestrel	Great Horned Owl		Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants	Soil Fauna
OCDF	Octachlorodibenzofuran - nonspecific	7	4	1		1	1	6	3	3	4		
PB	Lead	8	5	2		2	2	6	3	3	5		
PCB248	PCB 1248												
PCB254	PCB 1254												
PCB260	PCB 1260												
PETN	Pentaerythritol tetranitrate												
PH	pH												
PHANTR	Phenanthrene	5	2	1		1	1	4	3	3	2		
PHENOL	Phenol												
PO4	Phosphate												
PPDDD	ppDDD	8	5	2		2	2	6	3	3	5		
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	8	5	2		2	2	6	3	3	5		
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	8	5	2		2	2	6	3	3	5		
PYR	Pyrene	5	2	1		1	1	4	3	3	2		
RDX	RDX / Cyclonite	5	2	1		1	1	4	3	3	2		
SB	Antimony	8	1	2		2	2	6	3	3	5		
SE	Selenium	8	5	2		2	2	6	3	3	5		
SO4	Sulfate												
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	8	5	2		2	2	6	3	3	5		
TCDF	2,3,7,8-Tetrachlorodibenzofuran	8	5	2		2	2	6	3	3	5		
TCLEE	Tetrachloroethylene												
THCDD	Total hexachlorodibenzo-p-dioxins	7	4	1		1	1	6	3	3	4		
THCDF	Total hexachlorodibenzofurans	7	4	1		1	1	6	3	3	4		
THPCDD	Total heptachlorodibenzo-p-dioxins	7	4	1		1	1	6	3	3	4		
THPCDF	Total heptachlorodibenzofurans	7	4	1		1	1	6	3	3	4		
TL	Thallium												
TPCDD	Total pentachlorodibenzo-p-dioxins	7	4	1		1	1	6	3	3	4		
TPCDF	Total pentachlorodibenzofurans	7	4	1		1	1	6	3	3	4		
TPHC	Total Petroleum Hydrocarbons												
TPO4	Total Phosphates												
TRCLE	Trichloroethylene												
TRCDD	Total tetrachlorodibenzo-p-dioxins	7	4	1		1	1	6	3	3	4		
TRCDF	Total tetrachlorodibenzofurans	7	4	1		1	1	6	3	3	4		
V	Vanadium	8	5	2		2	2	6	3	3	5		
XYLEN	Xylenes												
ZN	Zinc	8	5	2		2	2	6	3	3	5		
WOE SUMS		128	110	79		79	79	153	162	162	112		

Weight of Evidence Rating for Cterm for SWMU 45 and RSA

Analyte Code	Analyte	Great									
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Mule Deer	Jackrabbit	Kit Fox	Plants Soil Fauna
111TCE	1,1,1-Trichloroethane										
12DCLB	1,2-Dichlorobenzene										
135TNB	1,3,5-Trinitrobenzene										
13DCLB	1,3-Dichlorobenzene										
13DMB	1,3-Dimethylbenzene (m-Xylene)										
14DCLB	1,4-Dichlorobenzene										
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	8	5	2	2	2	6	3	3	5	
234PCF	2,3,4,7,8-Penta-chlorodibenzofuran	8	5	2	2	2	6	3	3	5	
246TNT	2,4,6-Trinitrotoluene	6	3	2	2	2	4	3	3	3	
24D	2,4-Dichlorophenoxyacetic acid	6	3	2	2	2	4	3	3	3	
24DNT	2,4-Dinitrotoluene										
24MNAP	2-Methylnaphthalene										
678HPD	1,2,3,4,6,7,8-Hepta-chlorodibenzo-p-dioxin	9	6	3	3	3	6	3	3	6	
678HPF	1,2,3,4,6,7,8-Hepta-chlorodibenzofuran	8	5	2	2	2	6	3	3	5	
678HDX	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5	
678HXF	1,2,3,6,7,8-Hexachlorodibenzofuran	8	5	2	2	2	6	3	3	5	
789HPF	1,2,3,4,7,8,9-Hepta-chlorodibenzofuran	8	5	2	2	2	6	3	3	5	
789HDX	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5	
78HXDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5	
78HXDF	1,2,3,4,7,8-Hexachlorodibenzofuran	8	5	2	2	2	6	3	3	5	
78PCDD	1,2,3,7,8-Penta-chlorodibenzo-p-dioxin	8	5	2	2	2	6	3	3	5	
78PCDF	1,2,3,7,8-Penta-chlorodibenzofuran	8	5	2	2	2	6	3	3	5	
ACET	Acetone										
ACLDAN	alpha-Chlordane										
AG	Silver	9	6	3	3	3	6	3	3	6	
AL	Aluminum	9	6	3	3	3	6	3	3	6	
ANAPNE	Acenaphthene										
ANTRC	Anthracene										
AS	Arsenic	9	6	3	3	3	6	3	3	6	
B2EHP	Bis(2-ethylhexyl) phthalate										
BA	Barium	8	5	2	2	2	6	3	3	5	
BAANTR	Benzo[a]anthracene	6	3	2	2	2	4	3	3	3	
BAPYR	Benzo[a]pyrene										
BBFANT	Benzo[b]fluoranthene										
BBZF	Butylbenzyl phthalate										
BE	Beryllium	9	6	3	3	3	6	3	3	6	
BENSLF	Endosulfan II										
BGHIPY	Benzo[ghi]perylene										
BKFANT	Benzo[k]fluoranthene										
BZALC	Benzyl alcohol	6	3	2	2	2	4	3	3	3	
C14A	Myristic acid										
C15A	Pentadecanoic acid										
C16A	Palmitic acid										
C6H6	Benzene										

Weight of Evidence Rating for Term for SWMU 45 and RSA (continued)

Analyte Code	Analyte	Great										Plants	Soil Fauna
		Passerine	American Kestrel	Horned Owl	Golden Eagle	Bald Eagle	Deer Mouse	Male Deer	Jackrabbit	Kit Fox			
CCL3F	Trichlorofluoromethane												
CD	Cadmium	9	6	3	3	3	6	3	3			6	
CHCL	Chloromethane												
CHCL3	Chloroform												
CHRY	Chrysene	6	3	2	2	2	4	3	3			3	
CLDAN	Chlordane												
CO	Cobalt	9	6	3	3	3	6	3	3			6	
CR	Chromium	9	6	3	3	3	6	3	3			6	
CRHEX	Hexavalent chromium												
CU	Copper	9	6	3	3	3	6	3	3			6	
CYN	Cyanide												
DBAHA	Dibenz[ah]anthracene												
DBZFUR	Dibenzofuran												
DCLB	Dichlorobenzene												
DLDRN	Dieldrin												
DMP	Dimethyl phthalate												
DNBP	Di-n-butyl phthalate												
DNOP	Di-n-octyl phthalate												
ENDRN	Endrin												
ENDRNA	Endrin aldehyde												
ETC6H5	Ethylbenzene												
F	Fluoride												
FANT	Fluoranthene	6	3	2	2	2	4	3	3			3	
FE	Iron	9	6	3	3	3	6	3	3			6	
FLRENE	Fluorene												
GCLDAN	gamma-Chlordane												
HG	Mercury	9	6	3	3	3	6	3	3			6	
HMX	Cyclotetramethylenetetranitramine												
HPCL	Heptachlor												
HPCLE	Heptachlor epoxide												
ICDPYR	Indeno[1,2,3-C,D]pyrene												
LIN	Lindane												
MEC6H5	Toluene												
MN	Manganese	9	6	3	3	3	6	3	3			6	
NAP	Naphthalene												
NB	Nitrobenzene												
NI	Nickel	9	6	3	3	3	6	3	3			6	
NIT	Nitrate/nitrite												
NNDPA	N-Nitrosodiphenylamine												
NO2	Nitrite												
NO3	Nitrate												
OCDD	Octachlorodibenzodioxin - nonspecific	9	6	3	3	3	6	3	3			6	

Weight of Evidence Rating for Cterm for SWMU 45 and RSA (continued)

Analyte Code	Analyte	Great									
		Paserine	American	Horned	Golden	Bald Eagle	Deer	Mule Deer	Jackrabbit	Kit Fox	Plants
OCDF	Octachlorodibenzofuran - nonpnefito	8	5	2	2	2	6	3	3	5	
PB	Lead	9	6	3	3	3	6	3	3	6	
PCB248	PCB 1248										
PCB254	PCB 1254										
PCB260	PCB 1260										
PETN	Pentaerythritol tetranitrate										
PH	pH										
PHANTR	Phenanthrene	6	3	2	2	2	4	3	3	3	
PHENOL	Phenol										
PO4	Phosphate										
PPDDD	ppDDD	8	5	2	2	2	6	3	3	5	
PPDDE	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	8	5	2	2	2	6	3	3	5	
PPDDT	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethan	8	5	2	2	2	6	3	3	5	
PYR	Pyrene	5	2	1	1	1	4	3	3	2	
RDX	RDX / Cyclonite	5	2	1	1	1	4	3	3	2	
SB	Antimony	9	6	3	3	3	6	3	3	6	
SE	Selenium	9	6	3	3	3	6	3	3	6	
SO4	Sulfate										
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	9	6	3	3	3	6	3	3	6	
TCDF	2,3,7,8-Tetrachlorodibenzofuran	9	6	3	3	3	6	3	3	6	
TCLEE	Tetrachloroethylene										
THCDD	Total hexachlorodibenzo-p-dioxins	8	5	2	2	2	6	3	3	5	
THCDF	Total hexachlorodibenzofurans	8	5	2	2	2	6	3	3	5	
THPCDD	Total heptachlorodibenzo-p-dioxins	8	5	2	2	2	6	3	3	5	
THPCDF	Total heptachlorodibenzofurans	8	5	2	2	2	6	3	3	5	
TL	Thallium	3	2	1	1	1	2	1	1	2	
TPCDD	Total pentaachlorodibenzo-p-dioxins	8	5	2	2	2	6	3	3	5	
TPCDF	Total pentaachlorodibenzofurans	8	5	2	2	2	6	3	3	5	
TPHC	Total Petroleum Hydrocarbons										
TPO4	Total Phosphates										
TRCLE	Trichloroethylene										
TTCCDD	Total tetrachlorodibenzo-p-dioxins	8	5	2	2	2	6	3	3	5	
TTCDF	Total tetrachlorodibenzofurans	8	5	2	2	2	6	3	3	5	
V	Vanadium	9	6	3	3	3	6	3	3	6	
XYLEN	Xylenes										
ZN	Zinc	9	6	3	3	3	6	3	3	6	
WOE SUMS		145	137	128	128	128	154	163	163	137	

Weight of Evidence Rating for Number of Samples

SWMU	N, Total No. of Samples	RANK - WOE		
RSA	81	300		
01	81	300		
1b	11	100		
1c	8	100		
03	7	100		
04	100	300		
06	71	300		
07	51	300		
08	38	200		
10	59	300		
11	44	200		
12	9	100		
13	16	100		
14	27	200		
15	50	200		
19	12	100		
20	54	300		
21	29	200		
22	30	200		
23	35	200		
25	44	200		
26	45	200		
27	7	100		
28	24	100		
29	36	200		
30	82	300		
31	21	100		
32	15	100		
34	27	200		
35	28	200		
36	31	200		
37	41	200		
38	5	100		
40	71	300		
42	99	300		
45	41	200		
46	124	300		
47	12	100		
Note-Ranking is as follows:		Rank	Relative Rank	
		<25	100	
		25-50	200	
		>50	300	
			LOW	
			MED	
			HIGH	

Weight of Evidence (WOE) Rating for Passerine Bird HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
	1	2	3	4	5	6	7	
01	160	100		92	137	300	100	889
03	160	100		92	137	100	0	589
04	160	100		92	137	300	100	889
06	160	100		92	137	300	100	889
07	160	100		92	137	300	0	789
08	160	100		92	137	200	100	789
10	160	200	128	92	137	300	0	1017
11	160	250	128	92	137	200	100	1067
12	160	200	128	92	137	100	0	817
13	160	100		92	137	100	0	589
14	160	250		92	137	200	100	939
15	160	200	128	92	137	200	100	1017
19	160	100		92	137	100	100	689
1b	160	200	128	92	137	100	0	817
1c	160	200	128	92	137	100	0	817
20	160	100		92	137	300	100	889
21	160	200	128	92	137	200	200	1117
22	160	100		92	137	200	0	689
23	160	150		92	137	200	100	839
25	160	100		92	137	200	100	789
26	160	100		92	137	200	100	789
27	160	100		92	137	100	100	689
28	160	100		92	137	100	0	589
29	160	100		92	137	200	0	689
30	160	100		92	137	300	100	889
31	160	100		92	137	100	0	589
32	160	100		92	137	100	0	589
34	160	100		92	137	200	0	689
35	160	100		92	137	200	0	689
36	160	100		92	137	200	0	689
37	160	200	128	92	137	200	0	917
38	160	100		92	137	100	0	589
40	160	100		92	137	300	0	789
42	160	200	128	92	137	300	100	1117
45	160	250	145	92	137	200	100	1084
46	160	100		92	137	300	0	789
47	160	100		92	137	100	100	689
RSA	160	200	145	92	137	300	0	1034
WOE Range	min	589						
	max	1117						
	mean	811						

Weight of Evidence (WOE) Rating for American Kestrel HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Comp	DQ	Cterm	TBV's	UF's	N	RSA	
	1	2	3	4	5	6	7	
RSA	330	200	137	92	137	300	0	1196
01	330	100		92	137	300	100	1059
1b	330	200	110	92	137	100	0	969
1c	330	200	110	92	137	100	0	969
03	330	100		92	137	100	0	759
04	330	100		92	137	300	0	959
06	330	100		92	137	300	0	959
07	330	100		92	137	300	0	959
08	330	100		92	137	200	0	859
10	330	200	110	92	137	300	0	1169
11	330	250	110	92	137	200	0	1119
12	330	200	110	92	137	100	0	969
13	330	100		92	137	100	0	759
14	330	250		92	137	200	0	1009
15	330	200	110	92	137	200	0	1069
19	330	100		92	137	100	0	759
20	330	100		92	137	300	0	959
21	330	200	110	92	137	200	0	1069
22	330	100		92	137	200	0	859
23	330	150		92	137	200	0	909
25	330	100		92	137	200	0	859
26	330	100		92	137	200	0	859
27	330	100		92	137	100	0	759
28	330	100		92	137	100	0	759
29	330	100		92	137	200	0	859
30	330	100		92	137	300	0	959
31	330	100		92	137	100	0	759
32	330	100		92	137	100	0	759
34	330	100		92	137	200	0	859
35	330	100		92	137	200	0	859
36	330	100		92	137	200	0	859
37	330	200	110	92	137	200	0	1069
38	330	100		92	137	100	0	759
40	330	100		92	137	300	0	959
42	330	200	110	92	137	300	0	1169
45	330	250	137	92	137	200	0	1146
46	330	100		92	137	300	0	959
47	330	100		92	137	100	0	759
WOE Range	min	589						
	max	1196						
	mean	929						

Weight of Evidence (WOE) Rating for the Great Horned Owl HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
	1	2	3	4	5	6	7	
01	330	100		92	137	300	0	959
03	330	100		92	137	100	0	759
04	330	100		92	137	300	0	959
06	330	100		92	137	300	0	959
07	330	100		92	137	300	0	959
08	330	100		92	137	200	0	859
10	330	200	79	92	137	300	0	1138
11	330	250	79	92	137	200	0	1088
12	330	200	79	92	137	100	0	938
13	330	100		92	137	100	0	759
14	330	250		92	137	200	0	1009
15	330	200	79	92	137	200	0	1038
19	330	100		92	137	100	0	759
1b	330	200	79	92	137	100	0	938
1c	330	200	79	92	137	100	0	938
20	330	100		92	137	300	0	959
21	330	200	79	92	137	200	0	1038
22	330	100		92	137	200	0	859
23	330	150		92	137	200	0	909
25	330	100		92	137	200	0	859
26	330	100		92	137	200	0	859
27	330	100		92	137	100	0	759
28	330	100		92	137	100	0	759
29	330	100		92	137	200	0	859
30	330	100		92	137	300	0	959
31	330	100		92	137	100	0	759
32	330	100		92	137	100	0	759
34	330	100		92	137	200	0	859
35	330	100		92	137	200	0	859
36	330	100		92	137	200	0	859
37	330	200	79	92	137	200	0	1038
38	330	100		92	137	100	0	759
40	330	100		92	137	300	0	959
42	330	200	79	92	137	300	0	1138
45	330	250	128	92	137	200	0	1137
46	330	100		92	137	300	0	959
47	330	100		92	137	100	0	759
RSA	330	200	128	92	137	300	0	1187
WOE Range	min	759						
	max	1187						
	mean	919						

Weight of Evidence Rating for the Golden Eagle HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Comp	DQ	Cterm	TBVs	UFs	N	RSA	
	1	2	3	4	5	6	7	
RSA	310	200	128	92	90	300	0	1120
01	310	100		92	90	300	0	892
1b	310	200	79	92	90	100	0	871
1c	310	200	79	92	90	100	0	871
03	310	100		92	90	100	0	692
04	310	100		92	90	300	0	892
06	310	100		92	90	300	0	892
07	310	100		92	90	300	0	892
08	310	100		92	90	200	0	792
10	310	200	79	92	90	300	0	1071
11	310	250	79	92	90	200	0	1021
12	310	200	79	92	90	100	0	871
13	310	100		92	90	100	0	692
14	310	250		92	90	200	0	942
15	310	200	79	92	90	200	0	971
19	310	100		92	90	100	0	692
20	310	100		92	90	300	0	892
21	310	200	79	92	90	200	0	971
22	310	100		92	90	200	0	792
23	310	150		92	90	200	0	842
25	310	100		92	90	200	0	792
26	310	100		92	90	200	0	792
27	310	100		92	90	100	0	692
28	310	100		92	90	100	0	692
29	310	100		92	90	200	0	792
30	310	100		92	90	300	0	892
31	310	100		92	90	100	0	692
32	310	100		92	90	100	0	692
34	310	100		92	90	200	0	792
35	310	100		92	90	200	0	792
36	310	100		92	90	200	0	792
37	310	200	79	92	90	200	0	971
38	310	100		92	90	100	0	692
40	310	100		92	90	300	0	892
42	310	200	79	92	90	300	0	1071
45	310	250	128	92	90	200	0	1070
46	310	100		92	90	300	0	892
47	310	100		92	90	100	0	692
WOE Range	min	692						
	max	1120						
	mean	852						

Weight of Evidence Rating for the Bald Eagle HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Comp	DQ	Cterm	TBV's	UFs	N	RSA	
	1	2	3	4	5	6	7	
RSA	310	200	128	92	93	300	0	1123
01	310	100		92	93	300	0	895
1b	310	200	79	92	93	100	0	874
1c	310	200	79	92	93	100	0	874
03	310	100		92	93	100	0	695
04	310	100		92	93	300	0	895
06	310	100		92	93	300	0	895
07	310	100		92	93	300	0	895
08	310	100		92	93	200	0	795
10	310	200	79	92	93	300	0	1074
11	310	250	79	92	93	200	0	1024
12	310	200	79	92	93	100	0	874
13	310	100		92	93	100	0	695
14	310	250		92	93	200	0	945
15	310	200	79	92	93	200	0	974
19	310	100		92	93	100	0	695
20	310	100		92	93	300	0	895
21	310	200	79	92	93	200	0	974
22	310	100		92	93	200	0	795
23	310	150		92	93	200	0	845
25	310	100		92	93	200	0	795
26	310	100		92	93	200	0	795
27	310	100		92	93	100	0	695
28	310	100		92	93	100	0	695
29	310	100		92	93	200	0	795
30	310	100		92	93	300	0	895
31	310	100		92	93	100	0	695
32	310	100		92	93	100	0	695
34	310	100		92	93	200	0	795
35	310	100		92	93	200	0	795
36	310	100		92	93	200	0	795
37	310	200	79	92	93	200	0	974
38	310	100		92	93	100	0	695
40	310	100		92	93	300	0	895
42	310	200	79	92	93	300	0	1074
45	310	250	128	92	93	200	0	1073
46	310	100		92	93	300	0	895
47	310	100		92	93	100	0	695
WOE Range	min	695						
	max	1123						
	mean	855						

Weight of Evidence Rating for the Deer Mouse HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Comp	DQ	Cterm	TBV's	UF's	N	RSA	
	1	2	3	4	5	6	7	
RSA	270	200	154	148	248	300	0	1320
01	270	100		148	248	300	100	1166
1b	270	200	153	148	248	100	0	1119
1c	270	200	153	148	248	100	0	1119
03	270	100		148	248	100	0	866
04	270	100		148	248	300	100	1166
06	270	100		148	248	300	100	1166
07	270	100		148	248	300	100	1166
08	270	100		148	248	200	100	1066
10	270	200	153	148	248	300	100	1419
11	270	250	153	148	248	200	100	1369
12	270	200	153	148	248	100	0	1119
13	270	100		148	248	100	0	866
14	270	250		148	248	200	0	1116
15	270	200	153	148	248	200	100	1319
19	270	100		148	248	100	100	966
20	270	100		148	248	300	100	1166
21	270	200	153	148	248	200	100	1319
22	270	100		148	248	200	100	1066
23	270	150		148	248	200	0	1016
25	270	100		148	248	200	100	1066
26	270	100		148	248	200	0	966
27	270	100		148	248	100	0	866
28	270	100		148	248	100	0	866
29	270	100		148	248	200	0	966
30	270	100		148	248	300	100	1166
31	270	100		148	248	100	0	866
32	270	100		148	248	100	0	866
34	270	100		148	248	200	0	966
35	270	100		148	248	200	0	966
36	270	100		148	248	200	100	1066
37	270	200	153	148	248	200	0	1219
38	270	100		148	248	100	0	866
40	270	100		148	248	300	100	1166
42	270	200	153	148	248	300	100	1419
45	270	250	154	148	248	200	0	1270
46	270	100		148	248	300	0	1066
47	270	100		148	248	100	0	866
WOE Range	min	866						
	max	1419						
	mean	1089						

Weight of Evidence Rating for the Mule Deer HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Comp	DQ	Cterm	TBV's	UF's	N	RSA	
	1	2	3	4	5	6	7	
RSA	390	200	163	148	225	300	0	1426
01	390	100		148	225	300	100	1263
1b	390	200	162	148	225	100	0	1225
1c	390	200	162	148	225	100	0	1225
03	390	100		148	225	100	0	963
04	390	100		148	225	300	0	1163
06	390	100		148	225	300	0	1163
07	390	100		148	225	300	0	1163
08	390	100		148	225	200	0	1063
10	390	200	162	148	225	300	0	1425
11	390	250	162	148	225	200	0	1375
12	390	200	162	148	225	100	0	1225
13	390	100		148	225	100	0	963
14	390	250		148	225	200	0	1213
15	390	200	162	148	225	200	0	1325
19	390	100		148	225	100	0	963
20	390	100		148	225	300	0	1163
21	390	200	162	148	225	200	0	1325
22	390	100		148	225	200	0	1063
23	390	150		148	225	200	0	1113
25	390	100		148	225	200	0	1063
26	390	100		148	225	200	0	1063
27	390	100		148	225	100	0	963
28	390	100		148	225	100	0	963
29	390	100		148	225	200	0	1063
30	390	100		148	225	300	0	1163
31	390	100		148	225	100	0	963
32	390	100		148	225	100	0	963
34	390	100		148	225	200	0	1063
35	390	100		148	225	200	0	1063
36	390	100		148	225	200	0	1063
37	390	200	162	148	225	200	0	1325
38	390	100		148	225	100	0	963
40	390	100		148	225	300	0	1163
42	390	200	162	148	225	300	100	1525
45	390	250	163	148	225	200	0	1376
46	390	100		148	225	300	0	1163
47	390	100		148	225	100	0	963
WOE Range	min	963						
	max	1525						
	mean	1149						

Weight of Evidence Rating for the Jackrabbit HIs for Each Study Area

SWMU	CATEGORY						RSA	Total WOE
	DL/TBV Com	DQ	Cterm	TBV's	UF's	N		
	1	2	3	4	5	6	7	
RSA	330	200	163	148	225	300	0	1366
01	330	100		148	225	300	100	1203
1b	330	200	162	148	225	100	0	1165
1c	330	200	162	148	225	100	0	1165
03	330	100		148	225	100	0	903
04	330	100		148	225	300	0	1103
06	330	100		148	225	300	0	1103
07	330	100		148	225	300	100	1203
08	330	100		148	225	200	0	1003
10	330	200	162	148	225	300	0	1365
11	330	250	162	148	225	200	0	1315
12	330	200	162	148	225	100	0	1165
13	330	100		148	225	100	0	903
14	330	250		148	225	200	0	1153
15	330	200	162	148	225	200	100	1365
19	330	100		148	225	100	0	903
20	330	100		148	225	300	0	1103
21	330	200	162	148	225	200	0	1265
22	330	100		148	225	200	0	1003
23	330	150		148	225	200	0	1053
25	330	100		148	225	200	0	1003
26	330	100		148	225	200	0	1003
27	330	100		148	225	100	0	903
28	330	100		148	225	100	0	903
29	330	100		148	225	200	0	1003
30	330	100		148	225	300	0	1103
31	330	100		148	225	100	0	903
32	330	100		148	225	100	0	903
34	330	100		148	225	200	0	1003
35	330	100		148	225	200	0	1003
36	330	100		148	225	200	0	1003
37	330	200	162	148	225	200	0	1265
38	330	100		148	225	100	0	903
40	330	100		148	225	300	0	1103
42	330	200	162	148	225	300	100	1465
45	330	250	163	148	225	200	0	1316
46	330	100		148	225	300	0	1103
47	330	100		148	225	100	0	903
WOE Range	min	903						
	max	1465						
	mean	1095						

Weight of Evidence Rating for the Kit Fox HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Com	DQ	Cterm	TBV's	UF's	N	RSA	
	1	2	3	4	5	6	7	
01	290	100		148	182	300	0	1020
03	290	100		148	182	100	0	820
04	290	100		148	182	300	0	1020
06	290	100		148	182	300	0	1020
07	290	100		148	182	300	0	1020
08	290	100		148	182	200	0	920
10	290	200	112	148	182	300	0	1232
11	290	250	112	148	182	200	0	1182
12	290	200	112	148	182	100	0	1032
13	290	100		148	182	100	0	820
14	290	250		148	182	200	0	1070
15	290	200	112	148	182	200	0	1132
19	290	100		148	182	100	0	820
1b	290	200	112	148	182	100	0	1032
1c	290	200	112	148	182	100	0	1032
20	290	100		148	182	300	0	1020
21	290	200	112	148	182	200	0	1132
22	290	100		148	182	200	0	920
23	290	150		148	182	200	0	970
25	290	100		148	182	200	0	920
26	290	100		148	182	200	0	920
27	290	100		148	182	100	0	820
28	290	100		148	182	100	0	820
29	290	100		148	182	200	0	920
30	290	100		148	182	300	0	1020
31	290	100		148	182	100	0	820
32	290	100		148	182	100	0	820
34	290	100		148	182	200	0	920
35	290	100		148	182	200	0	920
36	290	100		148	182	200	0	920
37	290	200	112	148	182	200	0	1132
38	290	100		148	182	100	0	820
40	290	100		148	182	300	0	1020
42	290	200	112	148	182	300	0	1232
45	290	250	137	148	182	200	0	1207
46	290	100		148	182	300	0	1020
47	290	100		148	182	100	0	820
RSA	290	200	137	148	182	300	0	1257
WOE Range	min	820						
	max	1257						
	mean	988						

Weight of Evidence Rating for Plants HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Com	DQ	Cterm	TBV _s	UF _s	N	RSA	
	1	2	3	4	5	6	7	
RSA	0	200		85	0	300	0	585
01	0	100		85	0	300	200	685
1b	0	200		85	0	100	0	385
1c	0	200		85	0	100	0	385
03	0	100		85	0	100	100	385
04	0	100		85	0	300	100	585
06	0	100		85	0	300	0	485
07	0	100		85	0	300	100	585
08	0	100		85	0	200	0	385
10	0	200		85	0	300	100	685
11	0	250		85	0	200	100	635
12	0	200		85	0	100	0	385
13	0	100		85	0	100	0	285
14	0	250		85	0	200	100	635
15	0	200		85	0	200	100	585
19	0	100		85	0	100	100	385
20	0	100		85	0	300	0	485
21	0	200		85	0	200	200	685
22	0	100		85	0	200	200	585
23	0	150		85	0	200	0	435
25	0	100		85	0	200	100	485
26	0	100		85	0	200	0	385
27	0	100		85	0	100	100	385
28	0	100		85	0	100	0	285
29	0	100		85	0	200	0	385
30	0	100		85	0	300	100	585
31	0	100		85	0	100	0	285
32	0	100		85	0	100	0	285
34	0	100		85	0	200	0	385
35	0	100		85	0	200	0	385
36	0	100		85	0	200	0	385
37	0	200		85	0	200	0	485
38	0	100		85	0	100	0	285
40	0	100		85	0	300	0	485
42	0	200		85	0	300	100	685
45	0	250		85	0	200	100	635
46	0	100		85	0	300	0	485
47	0	100		85	0	100	0	285
WOE Range	min	285						
	max	685						
	mean	469						

Weight of Evidence Rating for Soil Fauna HIs for Each Study Area

SWMU	CATEGORY							Total WOE
	DL/TBV Comp	DQ	Cterm	TBV _s	UF _s	N	RSA	
	1	2	3	4	5	6	7	
RSA	0	200	0	64	0	300	0	564
01	0	100	0	64	0	300	100	564
1b	0	200	0	64	0	100	0	364
1c	0	200	0	64	0	100	0	364
03	0	100	0	64	0	100	100	364
04	0	100	0	64	0	300	200	664
06	0	100	0	64	0	300	100	564
07	0	100	0	64	0	300	100	564
08	0	100	0	64	0	200	100	464
10	0	200	0	64	0	300	0	564
11	0	250	0	64	0	200	100	614
12	0	200	0	64	0	100	0	364
13	0	100	0	64	0	100	0	264
14	0	250	0	64	0	200	100	614
15	0	200	0	64	0	200	200	664
19	0	100	0	64	0	100	100	364
20	0	100	0	64	0	300	100	564
21	0	200	0	64	0	200	200	664
22	0	100	0	64	0	200	100	464
23	0	150	0	64	0	200	100	514
25	0	100	0	64	0	200	100	464
26	0	100	0	64	0	200	100	464
27	0	100	0	64	0	100	200	464
28	0	100	0	64	0	100	100	364
29	0	100	0	64	0	200	100	464
30	0	100	0	64	0	300	100	564
31	0	100	0	64	0	100	0	264
32	0	100	0	64	0	100	100	364
34	0	100	0	64	0	200	100	464
35	0	100	0	64	0	200	0	364
36	0	100	0	64	0	200	100	464
37	0	200	0	64	0	200	0	464
38	0	100	0	64	0	100	0	264
40	0	100	0	64	0	300	100	564
42	0	200	0	64	0	300	100	664
45	0	250	0	64	0	200	100	614
46	0	100	0	64	0	300	100	564
47	0	100	0	64	0	100	0	264
WOE Range	min	264						
	max	664						
	mean	480						

**EVALUATION OF
METHOD DETECTION LIMITS
RELATIVE TO
TOXICITY BENCHMARK VALUES**

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for
Passerine Birds (Dietary Ingestion Rate = 1.388 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD 1.33E-06	gh ^(e)	3.10E-07	4.30E-07	yes	12378-PeCDD 2.67E-06	gh	1.50E-06	2.08E-06	yes	123478-HxCDD 1.33E-05	gh	1.80E-06	2.50E-06	yes
	rb ^(f)	6.90E-07	9.58E-07	yes		rb	2.00E-06	2.78E-06	no		rb	6.90E-06	9.58E-06	yes
	gw ^(g)	7.00E-07	9.72E-07	yes		gw	1.40E-06	1.94E-06	yes		gw	7.10E-06	9.85E-06	yes
	sc ^(h)	7.90E-07	1.10E-06	yes		sc	2.30E-06	3.19E-06	no		sc	3.30E-06	4.58E-06	yes
123678-HxCDD 1.33E-05	jr ⁽ⁱ⁾	7.90E-07	1.10E-06	yes	123789-HxCDD 1.33E-03	jr	3.10E-06	4.30E-06	no	1234678-HpCDD 1.33E-04	jr	4.20E-06	5.83E-06	yes
	gh	1.90E-06	2.64E-06	yes		gh	1.30E-06	1.80E-06	yes		gh	1.40E-06	1.94E-06	yes
	rb	2.10E-06	2.91E-06	yes		rb	4.80E-06	6.66E-06	yes		rb	1.50E-06	2.08E-06	yes
	gw	1.20E-06	1.67E-06	yes		gw	1.80E-06	2.50E-06	yes		gw	4.00E-07	5.55E-07	yes
OCDD 1.33E-03	sc	1.20E-06	1.67E-06	yes	2378-TCDF 1.33E-05	sc	1.60E-06	2.22E-06	yes	12378-PeCDF 2.67E-05	sc	1.70E-06	2.36E-06	yes
	jr	2.80E-06	3.89E-06	yes		jr	3.10E-06	4.30E-06	yes		jr	2.30E-06	3.19E-06	yes
	gh	2.10E-06	2.91E-06	yes		gh	5.40E-07	7.50E-07	yes		gh	1.10E-06	1.53E-06	yes
	rb	8.40E-06	1.17E-05	yes		rb	8.00E-07	1.11E-06	yes		rb	1.60E-06	2.22E-06	yes
23478-PeCDF 2.67E-06	gw	3.70E-06	5.14E-06	yes	123478-HxCDF 1.33E-03	gw	4.00E-07	5.55E-07	yes	123678-HxCDF 1.33E-03	gw	4.60E-06	6.38E-06	yes
	sc	3.00E-06	4.16E-06	yes		sc	6.00E-07	8.33E-07	yes		sc	1.70E-06	2.36E-06	yes
	jr	6.30E-06	8.74E-06	yes		jr	8.80E-07	1.22E-06	yes		jr	1.70E-06	2.36E-06	yes
	gh	1.00E-06	1.39E-06	yes		gh	1.60E-06	2.22E-06	yes		gh	1.40E-06	1.94E-06	yes
234678-HxCDF 1.33E-05	rb	3.20E-06	4.44E-06	no	123789-HxCDF 1.33E-03	rb	4.20E-06	5.83E-06	yes	1234678-HpCDF 1.33E-04	rb	1.00E-06	1.39E-06	yes
	gw	2.48E-05	3.44E-05	no		gw	2.10E-06	2.91E-06	yes		gw	2.50E-06	3.47E-06	yes
	sc	3.10E-06	4.30E-06	no		sc	1.30E-06	1.80E-06	yes		sc	1.30E-06	1.80E-06	yes
	jr	3.90E-06	5.41E-06	no		jr	1.50E-06	2.08E-06	yes		jr	2.70E-06	3.75E-06	yes
1234789-HpCDF 1.33E-03	gh	1.90E-06	2.64E-06	yes	OCDF 1.33E-03	gh	9.40E-07	1.30E-06	yes		gh	1.40E-06	1.94E-06	yes
	rb	3.10E-06	4.30E-06	yes		rb	3.10E-06	4.30E-06	yes		rb	1.40E-06	1.94E-06	yes
	gw	3.90E-06	5.41E-06	yes		gw	7.00E-07	9.72E-07	yes		gw	2.10E-06	2.91E-06	yes
	sc	2.40E-06	3.33E-06	yes		sc	2.20E-06	3.05E-06	yes		sc	1.50E-06	2.08E-06	yes
	jr	1.80E-06	2.50E-06	yes		jr	1.90E-06	2.64E-06	yes		jr	1.90E-06	2.64E-06	yes
	gh	1.90E-06	2.64E-06	yes		gh	2.10E-06	2.91E-06	yes					
	rb	7.40E-06	1.03E-05	yes		rb	7.00E-06	9.72E-06	yes					
	gw	2.00E-06	2.78E-06	yes		gw	2.60E-06	3.61E-06	yes					
	sc	3.30E-06	4.58E-06	yes		sc	1.78E-05	2.47E-05	yes		sc	1.50E-06	2.08E-06	yes
	jr	1.50E-06	2.08E-06	yes		jr	6.50E-06	9.02E-06	yes		jr	1.90E-06	2.64E-06	yes

Note.—TBVs are for avian species. Passerine>insects>(grasshoppers), plants (seeds), and small mammal carcass (jackrabbit). Rate represents 95th Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^egh = grasshopper.

^frb = rabbitbrush.

^ggw = gumweed.

^hsc = sweetclover.

ⁱjr = jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the American Kestrel (Dietary Ingestion Rate = 0.29 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	gh ^(e)	3.10E-07	8.99E-08	yes	12378-PeCDD	gh	1.50E-06	4.35E-07	yes	123478-HxCDD	gh	1.80E-06	5.22E-07	yes
1.33E-06	jr ^(f)	7.90E-07	2.29E-07	yes	2.67E-06	jr	3.10E-06	8.99E-07	yes	1.33E-05	jr	4.20E-06	1.22E-06	yes
123678-HxCDD	gh	1.90E-06	5.51E-07	yes	123789-HxCDD	gh	1.30E-06	3.77E-07	yes	1234678-HpCDD	gh	1.40E-06	4.06E-07	yes
1.33E-05	jr	2.80E-06	8.12E-07	yes	1.33E-03	jr	3.10E-06	8.99E-07	yes	1.33E-04	jr	2.30E-06	6.67E-07	yes
OCDD	gh	2.10E-06	6.09E-07	yes	2378-TCDF	gh	5.40E-07	1.57E-07	yes	12378-PeCDF	gh	1.10E-06	3.19E-07	yes
1.33E-03	jr	6.30E-06	1.83E-06	yes	1.33E-05	jr	8.80E-07	2.55E-07	yes	2.67E-05	jr	1.70E-06	4.93E-07	yes
23478-PeCDF	gh	1.00E-06	2.90E-07	yes	123478-HxCDF	gh	1.60E-06	4.64E-07	yes	123678-HxCDF	gh	1.40E-06	4.06E-07	yes
2.67E-06	jr	3.90E-06	1.13E-06	yes	1.33E-03	jr	1.50E-06	4.35E-07	yes	1.33E-03	jr	2.70E-06	7.83E-07	yes
234678-HxCDF	gh	1.90E-06	5.51E-07	yes	123789-HxCDF	gh	9.40E-07	2.73E-07	yes	1234678-HpCDF	gh	1.40E-06	4.06E-07	yes
1.33E-05	jr	1.80E-06	5.22E-07	yes	1.33E-03	jr	1.90E-06	5.51E-07	yes	1.33E-04	jr	1.90E-06	5.51E-07	yes
1234789-HpCDF	gh	1.90E-06	5.51E-07	yes	OCDF	gh	2.10E-06	6.09E-07	yes					
1.33E-03	jr	1.50E-06	4.35E-07	yes	1.33E-03	jr	6.5E-06	1.89E-06	yes					

Note.—TBVs are for avian species. American Kestrel>grasshoppers, jackrabbit (small mammal). Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^egh = grasshopper.

^fjr = jackrabbit.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for
the Great Horned Owl (Dietary Ingestion Rate = 0.133 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD 1.33E-06	jr ^(e)	7.90E-07	1.05E-07	yes	12378-PeCDD 2.67E-06	jr	3.10E-06	4.12E-07	yes	123478-HxCDD 1.33E-05	jr	4.20E-06	5.59E-07	yes
123678-HxCDD 1.33E-05	jr	2.80E-06	3.72E-07	yes	123789-HxCDD 1.33E-03	jr	3.10E-06	4.12E-07	yes	1234678-HpCDD 1.33E-04	jr	2.30E-06	3.06E-07	yes
OCDD 1.33E-03	jr	6.30E-06	8.38E-07	yes	2378-TCDF 1.33E-05	jr	8.80E-07	1.17E-07	yes	12378-PeCDF 2.67E-05	jr	1.70E-06	2.26E-07	yes
23478-PeCDF 2.67E-06	jr	3.90E-06	5.19E-07	yes	123478-HxCDF 1.33E-03	jr	1.50E-06	2.00E-07	yes	123678-HxCDF 1.33E-03	jr	2.70E-06	3.59E-07	yes
234678-HxCDF 1.33E-05	jr	1.80E-06	2.39E-07	yes	123789-HxCDF 1.33E-03	jr	1.90E-06	2.53E-07	yes	1234678-HpCDF 1.33E-03	jr	1.90E-06	2.53E-07	yes
1234789-HpCDF 1.33E-03	jr	1.50E-06	2.00E-07	yes	OCDF 1.33E-03	jr	6.50E-06	8.65E-07	yes					

Note. — TBV is for avian species. Great Horned Owl>jackrabbit. Rate represents 95% Percentile Dietary Ingestion Rate.

^(a)TBV = toxicity benchmark value

^(b)MDL = method detection limit

^(c)Comp Value = comparison value

^(d)DL = detection limit

^(e)jr = jackrabbit.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for
the Bald Eagle/Golden Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD 6.67E-06	jr ^(e)	7.90E-07	1.05E-07	yes	12378-PeCDD 1.33E-06	jr	3.10E-06	4.12E-07	yes	123478-HxCDD 6.67E-06	jr	4.20E-06	5.59E-07	yes
123678-HxCDD 6.67E-06	jr	2.80E-06	3.72E-07	yes	123789-HxCDD 6.67E-04	jr	3.10E-06	4.12E-07	yes	1234678-HpCDD 6.67E-05	jr	2.30E-06	3.06E-07	yes
OCDD 6.67E-04	jr	6.30E-06	8.38E-07	yes	2378-TCDF 6.67E-06	jr	8.80E-07	1.17E-07	yes	12378-PeCDF 1.33E-05	jr	1.70E-06	2.26E-07	yes
23478-PeCDF 2.67E-06	jr	3.90E-06	5.19E-07	yes	123478-HxCDF 6.67E-04	jr	1.50E-06	2.00E-07	yes	123678-HxCDF 6.67E-04	jr	2.70E-06	3.59E-07	yes
234678-HxCDF 6.67E-06	jr	1.80E-06	2.39E-07	yes	123789-HxCDF 6.67E-04	jr	1.90E-06	2.53E-07	yes	1234678-HpCDF 6.67E-05	jr	1.90E-06	2.53E-07	yes
1234789-HpCDF 6.67E-04	jr	1.50E-06	2.00E-07	yes	OCDF 6.67E-04	jr	6.50E-06	8.65E-07	yes					

Note.—TBV is for avian species Eagle>jackrabbit. Rate represents 95% Percentile Dietary Ingestion Rate.

^(a)TBV = toxicity benchmark value.

^(b)MDL = method detection limit.

^(c)Comp Value = comparison value.

^(d)DL = detection limit.

^(e)jr = jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Deer Mouse (Dietary Ingestion Rate = 0.372 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	Matrix	MDL mg/kg	Comp Value	DL Pass	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD 3.33E-07	rb ^(e)	6.90E-07	2.57E-07	yes	12378-PeCDD	12378-PeCDD	6.67E-07	yes	rb	123478-HxCDD	3.33E-06	yes
	sc ^(f)	7.90E-07	2.94E-07	yes					sc			yes
	gw ^(g)	7.00E-07	2.60E-07	yes					gw			yes
	gh ^(h)	3.10E-07	1.15E-07	yes					gh			yes
123678-HxCDD 3.33E-06	rb	2.10E-06	7.81E-07	yes	123789-HxCDD	123789-HxCDD	3.33E-04	yes	rb	1234678-HpCDD	1.50E-06	yes
	sc	1.20E-06	4.46E-07	yes					sc			yes
	gw	1.20E-06	4.46E-07	yes					gw			yes
	gh	1.90E-06	7.07E-07	yes					gh			yes
OCDD	rb	8.40E-06	3.12E-06	yes	2378-TCDF	2378-TCDF	2.50E-06	yes	rb	12378-PeCDF	1.40E-06	yes
3.33E-04	sc	3.00E-06	1.12E-06	yes					sc			yes
	gw	3.70E-06	1.38E-06	yes					gw			yes
	gh	2.10E-06	7.81E-07	yes					gh			yes
23478-PeCDF 6.67E-07	rb	3.20E-06	1.19E-06	no	123478-HxCDF	123478-HxCDF	3.33E-04	no	rb	123678-HxCDF	2.20E-06	yes
	sc	3.10E-06	1.15E-06	no					sc			yes
	gw	2.48E-05	9.23E-06	no					gw			yes
	gh	1.00E-06	3.72E-07	yes					gh			yes
234678-HxCDF 3.33E-06	rb	3.10E-06	1.15E-06	yes	123789-HxCDF	123789-HxCDF	3.33E-04	yes	rb	1234678-HpCDF	1.40E-06	yes
	sc	2.40E-06	8.93E-07	yes					sc			yes
	gw	3.90E-06	1.45E-06	yes					gw			yes
	gh	1.90E-06	7.07E-07	yes					gh			yes
1234789-HpCDF 3.33E-04	rb	7.40E-06	2.75E-06	yes	OCDF	OCDF	3.33E-04	yes	rb			yes
	sc	3.30E-06	1.23E-06	yes					sc			yes
	gw	2.00E-06	7.44E-07	yes					gw			yes
	gh	1.90E-06	7.07E-07	yes					gh			yes

Note.—TBV is for mammal. Deer mouse>plants (seeds), insects. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gunweed.

^hgh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Mule Deer (Dietary Ingestion Rate = 0.035 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	rb ^(e)	6.90E-07	2.42E-08	yes	12378-PeCDD	rb	2.00E-06	7.00E-08	yes	123478-HxCDD	rb	6.90E-06	2.42E-07	yes
2.00E-07	sc ^(f)	7.90E-07	2.77E-08	yes	4.00E-07	sc	2.30E-06	8.05E-08	yes	2.00E-06	sc	3.30E-06	1.16E-07	yes
123678-HxCDD	gw ^(g)	7.00E-07	2.45E-08	yes	123789-HxCDD	gw	1.40E-06	4.90E-08	yes	1234678-HpCDD	gw	7.10E-06	2.49E-07	yes
2.00E-06	rb	2.10E-06	7.35E-08	yes	2.00E-04	rb	4.80E-06	1.68E-07	yes	2.00E-05	rb	1.50E-06	5.25E-08	yes
	sc	1.20E-06	4.20E-08	yes		sc	1.60E-06	5.60E-08	yes		sc	1.70E-06	5.95E-08	yes
OCDD	gw	1.20E-06	4.20E-08	yes	2378-TCDF	gw	1.80E-06	6.30E-08	yes	12378-PeCDF	gw	4.00E-07	1.40E-08	yes
2.00E-04	rb	8.40E-06	2.94E-07	yes	2.00E-06	rb	8.00E-07	2.80E-08	yes	4.00E-06	rb	1.60E-06	5.60E-08	yes
	sc	3.00E-06	1.05E-07	yes		sc	6.00E-07	2.10E-08	yes		sc	1.70E-06	5.95E-08	yes
23478-PeCDF	gw	3.70E-06	1.30E-07	yes	123478-HxCDF	gw	4.00E-07	1.40E-08	yes	123678-HxCDF	gw	4.60E-06	1.61E-07	yes
4.00E-07	rb	3.20E-06	1.12E-07	yes	2.00E-04	rb	4.20E-06	1.47E-07	yes	2.00E-04	rb	2.20E-06	7.70E-08	yes
	sc	3.10E-06	1.09E-07	yes		sc	1.30E-06	4.55E-08	yes		sc	1.30E-06	4.55E-08	yes
234678-HxCDF	gw	2.48E-05	8.68E-07	no	123789-HxCDF	gw	2.10E-06	7.35E-08	yes	1234678-HpCDF	gw	2.50E-06	8.75E-08	yes
2.00E-06	rb	3.10E-06	1.09E-07	yes	2.00E-04	rb	3.10E-06	1.09E-07	yes	2.00E-05	rb	1.40E-06	4.90E-08	yes
	sc	2.40E-06	8.40E-08	yes		sc	2.20E-06	7.70E-08	yes		sc	1.50E-06	5.25E-08	yes
1234789-HpCDF	gw	3.90E-06	1.37E-07	yes	OCDF	gw	7.00E-07	2.45E-08	yes		gw	2.10E-06	7.35E-08	yes
2.00E-04	rb	7.40E-06	2.59E-07	yes	2.00E-04	rb	7.00E-06	2.45E-07	yes					
	sc	3.30E-06	1.16E-07	yes		sc	1.78E-05	6.23E-07	yes					
	gw	2.00E-06	7.00E-08	yes		gw	2.60E-06	9.10E-08	yes					

Note.—TBV is for mammal. Mule deer>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gumweed.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for the Jackrabbit (Dietary Ingestion Rate = 0.098 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	rb ^(e)	6.90E-07	6.76E-08	yes	12378-PeCDD	rb	2.00E-06	1.96E-07	yes	123478-HxCDD	rb	6.90E-06	6.76E-07	yes
2.00E-07	sc ^(f)	7.90E-07	7.74E-08	yes	4.00E-07	sc	2.30E-06	2.25E-07	yes	2.00E-06	sc	3.30E-06	3.23E-07	yes
	gw ^(g)	7.00E-07	6.86E-08	yes		gw	1.40E-06	1.37E-07	yes		gw	7.10E-06	6.96E-07	yes
123678-HxCDD	rb	2.10E-06	2.06E-07	yes	123789-HxCDD	rb	4.80E-06	4.70E-07	yes	1234678-HpCDD	rb	1.50E-06	1.47E-07	yes
2.00E-06	sc	1.20E-06	1.18E-07	yes	2.00E-04	sc	1.60E-06	1.57E-07	yes	2.00E-05	sc	1.70E-06	1.67E-07	yes
	gw	1.20E-06	1.18E-07	yes		gw	1.80E-06	1.76E-07	yes		gw	4.00E-07	3.92E-08	yes
OCDD	rb	8.40E-06	8.23E-07	yes	2378-TCDF	rb	8.00E-07	7.84E-08	yes	12378-PeCDF	rb	1.60E-06	1.57E-07	yes
2.00E-04	sc	3.00E-06	2.94E-07	yes	2.00E-06	sc	6.00E-07	5.88E-08	yes	4.00E-06	sc	1.70E-06	1.67E-07	yes
	gw	3.70E-06	3.63E-07	yes		gw	4.00E-07	3.92E-08	yes		gw	4.60E-06	4.51E-07	yes
23478-PeCDF	rb	3.20E-06	3.14E-07	yes	123478-HxCDF	rb	4.20E-06	4.12E-07	yes	123678-HxCDF	rb	2.20E-06	2.16E-07	yes
4.00E-07	sc	3.10E-06	3.04E-07	yes	2.00E-04	sc	1.30E-06	1.27E-07	yes	2.00E-04	sc	1.30E-06	1.27E-07	yes
	gw	2.48E-05	2.43E-06	no		gw	2.10E-06	2.06E-07	yes		gw	2.50E-06	2.45E-07	yes
234678-HxCDF	rb	3.10E-06	3.04E-07	yes	123789-HxCDF	rb	3.10E-06	3.04E-07	yes	1234678-HpCDF	rb	1.40E-06	1.37E-07	yes
2.00E-06	sc	2.40E-06	2.35E-07	yes	2.00E-04	sc	2.20E-06	2.16E-07	yes	2.00E-05	sc	1.50E-06	1.47E-07	yes
	gw	3.90E-06	3.82E-07	yes		gw	7.00E-07	6.86E-08	yes		gw	2.10E-06	2.06E-07	yes
1234789-HpCDF	rb	7.40E-06	7.25E-07	yes	OCDF	rb	7.00E-06	6.86E-07	yes					
2.00E-04	sc	3.30E-06	3.23E-07	yes	2.00E-04	sc	1.78E-05	1.74E-06	yes					
	gw	2.00E-06	1.96E-07	yes		gw	2.60E-06	2.55E-07	yes					

Note.—TBV is for mammal. Jackrabbit>rabbit>brush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit[†]

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gumweed.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Dioxins/Furans for
the Kit Fox (Dietary Ingestion Rate = 0.158 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
2378-TCDD	jr ^(e)	7.90E-07	1.25E-07	no	12378-PeCDD	jr	3.10E-06	4.90E-07	no	123478-HxCDD	jr	4.20E-06	6.64E-07	yes
1.00E-07	gh ^(f)	3.10E-07	4.90E-08	yes	2.00E-07	gh	1.50E-06	2.37E-07	no	1.00E-06	gh	1.80E-06	2.84E-07	yes
123678-HxCDD	jr	2.80E-06	4.42E-07	yes	123789-HxCDD	jr	3.10E-06	4.90E-07	yes	1234678-HpCDD	jr	2.30E-06	3.63E-07	yes
1.00E-06	gh	1.90E-06	3.00E-07	yes	1.00E-04	gh	1.30E-06	2.05E-07	yes	1.00E-05	gh	1.40E-06	2.21E-07	yes
OCDD	jr	6.30E-06	9.95E-07	yes	2378-TCDF	jr	8.80E-07	1.39E-07	yes	12378-PeCDF	jr	1.70E-06	2.69E-07	yes
1.00E-04	gh	2.10E-06	3.32E-07	yes	1.00E-06	gh	5.40E-07	8.53E-08	yes	2.00E-06	gh	1.10E-06	1.74E-07	yes
23478-PeCDF	jr	3.90E-06	6.16E-07	no	123478-HxCDF	jr	1.50E-06	2.37E-07	yes	123678-HxCDF	jr	2.70E-06	4.27E-07	yes
2.00E-07	gh	1.00E-06	1.58E-07	yes	1.00E-04	gh	1.60E-06	2.53E-07	yes	1.00E-04	gh	1.40E-06	2.21E-07	yes
234678-HxCDF	jr	1.80E-06	2.84E-07	yes	123789-HxCDF	jr	1.90E-06	3.00E-07	yes	1234678-HpCDF	jr	1.90E-06	3.00E-07	yes
1.00E-06	gh	1.90E-06	3.00E-07	yes	1.00E-04	gh	9.40E-07	1.49E-07	yes	1.00E-05	gh	1.40E-06	2.21E-07	yes
1234789-HpCDF	jr	1.50E-06	2.37E-07	yes	OCDF	jr	6.50E-06	1.03E-06	yes					
1.00E-04	gh	1.90E-06	3.00E-07	yes	1.00E-04	gh	2.10E-06	3.32E-07	yes					

Note.—TBV is for mammal. Kit fox>insects, jackrabbit (small mammal). Rate represents 95% Percentile Dietary Ingestion Rate.

^(a)TBV = toxicity benchmark value.

^(b)MDL = method detection limit.

^(c)Comp Value = comparison value.

^(d)DL = detection limit.

^(e)jr = jackrabbit.

^(f)gh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptors (Water Ingestion)

Receptor	Rate (L/kg bw/day)	Rate (L/kg bw/day)	Comp ^(c) Value	DL ^(d) Pass	TBV ^(a)	CRL ^(b) µg/L	Comp ^(c) Value	DL ^(d) Pass	TBV	CRL µg/L	Comp Value	DL Pass
Mercury												
Passerine	0.133	0.5	1.33E-05	yes								
A. Kestrel	0.120	0.5	1.20E-05	yes								
G. H. Owl	0.011	0.5	1.10E-06	yes								
Golden Eagle	0.011	0.25	1.10E-06	yes								
Bald Eagle	0.011	0.25	1.10E-06	yes								
Deer mouse	0.251	0.33	2.51E-05	yes								
Mule deer	0.021	0.26	2.10E-06	yes								
Jackrabbit	0.097	0.26	9.70E-06	yes								
Kit Fox	0.028	0.13	2.80E-06	yes								
Selenium												
Passerine	0.133	0.13	1.29E-02	yes								
A. Kestrel	0.120	0.13	1.17E-02	yes								
G. H. Owl	0.011	0.13	1.07E-03	yes								
Golden Eagle	0.011	0.07	1.07E-03	yes								
Bald Eagle	0.011	0.07	1.07E-03	yes								
Deer mouse	0.251	0.05	2.44E-02	yes								
Mule deer	0.021	0.04	2.04E-03	yes								
Jackrabbit	0.097	0.04	9.42E-03	yes								
Kit Fox	0.028	0.02	2.72E-03	yes								
Zinc												
Passerine	0.133	5.4	2.39E-03	yes								
A. Kestrel	0.120	5.4	2.16E-03	yes								
G. H. Owl	0.011	5.4	1.98E-04	yes								
Golden Eagle	0.011	2.7	1.98E-04	yes								
Bald Eagle	0.011	2.7	1.98E-04	yes								
Deer mouse	0.251	6.8	4.52E-03	yes								
Mule deer	0.021	8.5	3.78E-04	yes								
Jackrabbit	0.097	6.8	1.75E-03	yes								
Kit Fox	0.028	3.4	5.04E-04	yes								
Nickel												
Passerine	0.133	32.1	4.27E-03	yes								
A. Kestrel	0.120	32.1	3.85E-03	yes								
G. H. Owl	0.011	32.1	3.53E-04	yes								
Golden Eagle	0.011	32.1	3.53E-04	yes								
Bald Eagle	0.011	32.1	3.53E-04	yes								
Deer mouse	0.251	32.1	8.06E-03	yes								
Mule deer	0.021	32.1	6.74E-04	yes								
Jackrabbit	0.097	32.1	3.11E-03	yes								
Kit Fox	0.028	32.1	8.99E-04	yes								
Thallium												
Passerine	0.133	0.05	1.66E-02	yes								
A. Kestrel	0.120	0.05	1.50E-02	yes								
G. H. Owl	0.011	0.05	1.38E-03	yes								
Golden Eagle	0.011	0.02	1.38E-03	yes								
Bald Eagle	0.011	0.02	1.38E-03	yes								
Deer mouse	0.251	0.03	3.14E-02	no								
Mule deer	0.021	0.02	2.63E-03	yes								
Jackrabbit	0.097	0.02	1.21E-02	yes								
Kit Fox	0.028	0.01	3.50E-03	yes								
Vanadium												
Passerine	0.133	27.6	3.67E-03	NA								
A. Kestrel	0.120	27.6	3.31E-03	NA								
G. H. Owl	0.011	27.6	3.04E-04	NA								
Golden Eagle	0.011	27.6	3.04E-04	NA								
Bald Eagle	0.011	27.6	3.04E-04	NA								
Deer mouse	0.251	27.6	6.93E-03	yes								
Mule deer	0.021	27.6	5.80E-04	yes								
Jackrabbit	0.097	27.6	2.68E-03	yes								
Kit Fox	0.028	27.6	7.73E-04	yes								

Note.—mg/L vs. µg/L for CRL. Rate represents 95th Percentile Water Ingestion Rate.

^aToxicity benchmark value (mg/kg bw/day).

^bCRL = Certified Reporting Limit.

^cComp Value = Comparison value. Comp value contains unit conversion of 0.001.

^dDL = Detection limit.

^eND = No data.

^fNA =Not applicable.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptors (Water Ingestion)

Receptor	Rate (L/kg bw/day)	TBV ⁽⁶⁾	CRL ⁽⁶⁾ µg/L	Comp ⁽⁶⁾ Value	DL ⁽⁶⁾ Pass	TBV	CRL µg/L	Comp Value	DL Pass	TBV	CRL µg/L	Comp Value	DL Pass
Aluminum													
Passerine	0.133	ND ⁽⁶⁾	112	1.49E-02	NA ⁽⁶⁾	Antimony	60	7.98E-03	NA	Arsenic	117	1.56E-02	yes
A. Kestrel	0.120	ND	112	1.34E-02	NA	ND	60	7.20E-03	NA	2.8	117	1.40E-02	yes
G.H. Owl	0.011	ND	112	1.23E-03	NA	ND	60	6.60E-04	NA	2.8	117	1.29E-03	yes
Golden Eagle	0.011	ND	112	1.23E-03	NA	ND	60	6.60E-04	NA	1.4	117	1.29E-03	yes
Bald Eagle	0.011	ND	112	1.23E-03	NA	ND	60	6.60E-04	NA	1.4	117	1.29E-03	yes
Deer mouse	0.251	16.67	112	2.81E-02	yes	0.2	60	1.51E-02	yes	1.27	117	2.94E-02	yes
Mule deer	0.021	13.33	112	2.35E-03	yes	0.12	60	1.26E-03	yes	0.76	117	2.46E-03	yes
Jackrabbit	0.097	16.67	112	1.09E-02	yes	0.12	60	5.82E-03	yes	0.76	117	1.13E-02	yes
Kit Fox	0.028	6.67	112	3.14E-03	yes	0.06	60	1.68E-03	yes	0.38	117	3.28E-03	yes
Barium													
Passerine	0.133	19.4	2.82	3.75E-04	yes	Beryllium	1.12	1.49E-04	yes	Cadmium	6.78	9.02E-04	yes
A. Kestrel	0.120	19.4	2.82	3.38E-04	yes	19.4	1.12	1.34E-04	yes	0.13	6.78	8.14E-04	yes
G. H. Owl	0.011	19.4	2.82	3.10E-05	yes	19.4	1.12	1.23E-05	yes	0.13	6.78	7.46E-05	yes
Golden Eagle	0.011	9.7	2.82	3.10E-05	yes	9.7	1.12	1.23E-05	yes	0.07	6.78	7.46E-05	yes
Bald Eagle	0.011	9.7	2.82	3.10E-05	yes	9.7	1.12	1.23E-05	yes	0.07	6.78	7.46E-05	yes
Deer mouse	0.251	3.96	2.82	7.08E-04	yes	14.17	1.12	2.81E-04	yes	0.83	6.78	1.70E-03	yes
Mule deer	0.021	2.37	2.82	5.92E-05	yes	8.5	1.12	2.35E-05	yes	0.5	6.78	1.42E-04	yes
Jackrabbit	0.097	2.37	2.82	2.74E-04	yes	8.5	1.12	1.09E-04	yes	0.5	6.78	6.58E-04	yes
Kit Fox	0.028	1.19	2.82	7.90E-05	yes	4.25	1.12	3.14E-05	yes	0.25	6.78	1.90E-04	yes
Chromium													
Passerine	0.133	0.26	16.8	2.23E-03	yes	Cobalt	25	3.33E-03	yes	Copper	18.8	2.50E-03	yes
A. Kestrel	0.120	0.26	16.8	2.02E-03	yes	168	25	3.00E-03	yes	11.06	18.8	2.26E-03	yes
G.H. Owl	0.011	0.26	16.8	1.85E-04	yes	168	25	2.75E-04	yes	11.06	18.8	2.07E-04	yes
Golden Eagle	0.011	0.13	16.8	1.85E-04	yes	84	25	2.75E-04	yes	5.53	18.8	2.07E-04	yes
Bald Eagle	0.011	0.13	16.8	1.85E-04	yes	84	25	2.75E-04	yes	5.53	18.8	2.07E-04	yes
Deer mouse	0.251	4	16.8	4.22E-03	yes	0.08	25	6.28E-03	yes	1.57	18.8	4.72E-03	yes
Mule deer	0.021	4	16.8	3.53E-04	yes	0.05	25	5.25E-04	yes	1.57	18.8	3.95E-04	yes
Jackrabbit	0.097	4	16.8	1.63E-03	yes	0.05	25	2.43E-03	yes	1.57	18.8	1.82E-03	yes
Kit Fox	0.028	2.5	16.8	4.70E-04	yes	0.02	25	7.00E-04	yes	0.98	18.8	5.26E-04	yes
Iron													
Passerine	0.133	78	77.5	1.03E-02	yes	Lead	43.4	5.77E-03	yes	Manganese	9.67	1.29E-03	yes
A. Kestrel	0.120	78	77.5	9.30E-03	yes	2.9	43.4	5.21E-03	yes	82	9.67	1.16E-03	yes
G. H. Owl	0.011	78	77.5	8.53E-04	yes	14.5	43.4	4.77E-04	yes	82	9.67	1.06E-04	yes
Golden Eagle	0.011	39	77.5	8.53E-04	yes	1.81	43.4	4.77E-04	yes	41	9.67	1.06E-04	yes
Bald Eagle	0.011	39	77.5	8.53E-04	yes	1.81	43.4	4.77E-04	yes	41	9.67	1.06E-04	yes
Deer mouse	0.251	6.52	77.5	1.95E-02	yes	1.33	43.4	1.09E-02	yes	22.22	9.67	2.43E-03	yes
Mule deer	0.021	3.91	77.5	1.63E-03	yes	0.8	43.4	9.11E-04	yes	13.33	9.67	2.03E-04	yes
Jackrabbit	0.097	3.91	77.5	7.52E-03	yes	0.8	43.4	4.21E-03	yes	13.33	9.67	9.38E-04	yes
Kit Fox	0.028	1.96	77.5	2.17E-03	yes	0.4	43.4	1.22E-03	yes	6.67	9.67	2.71E-04	yes

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptors (Soil Ingestion)

Receptors	Rate (kg/kg bw/day)	Aluminum TBV ⁽⁶⁾	CRL ⁽⁶⁾ mg/kg	Comp ⁽⁶⁾ Value	DL ⁽⁶⁾ Pass	Antimony TBV	CRL mg/kg	Comp Value	DL Pass	Arsenic TBV	CRL mg/kg	Comp Value	DL Pass
Passerine	0.1440	ND ⁽⁶⁾	11.2	1.61E+00	NA ⁽⁶⁾	ND	1	1.44E-01	NA	2.8	16.4	2.36E+00	yes
A. Kestrel	0.0081	ND	11.2	9.09E-02	NA	ND	1	8.12E-03	NA	2.8	16.4	1.33E-01	yes
G.H. Owl	0.0037	ND	11.2	4.17E-02	NA	ND	1	3.72E-03	NA	2.8	16.4	6.10E-02	yes
Golden Eagle	0.0037	ND	11.2	4.17E-02	NA	ND	1	3.72E-03	NA	1.4	16.4	6.10E-02	yes
Bald Eagle	0.0037	ND	11.2	4.17E-02	NA	ND	1	3.72E-03	NA	1.4	16.4	6.10E-02	yes
Deer mouse	0.0089	16.67	11.2	9.91E-02	yes	0.2	1	8.85E-03	yes	1.27	16.4	1.45E-01	yes
Mule deer	0.0007	13.33	11.2	7.93E-03	yes	0.12	1	7.08E-04	yes	0.76	16.4	1.16E-02	yes
Jackrabbit	0.0020	16.67	11.2	2.20E-02	yes	0.12	1	1.96E-03	yes	0.76	16.4	3.21E-02	yes
Kit Fox	0.0044	6.67	11.2	4.95E-02	yes	0.06	1	4.42E-03	yes	0.38	16.4	7.25E-02	yes
Beryllium													
Passerine	0.1440	19.4	3.29	4.74E-01	yes	19.4	0.427	6.15E-02	yes	0.13	1.2	1.73E-01	no
A. Kestrel	0.0081	19.4	3.29	2.67E-02	yes	19.4	0.427	3.47E-03	yes	0.13	1.2	9.74E-03	yes
G.H. Owl	0.0037	19.4	3.29	1.22E-02	yes	19.4	0.427	1.59E-03	yes	0.13	1.2	4.46E-03	yes
Golden Eagle	0.0037	9.7	3.29	1.22E-02	yes	9.7	0.427	1.59E-03	yes	0.07	1.2	4.46E-03	yes
Bald Eagle	0.0037	9.7	3.29	1.22E-02	yes	9.7	0.427	1.59E-03	yes	0.07	1.2	4.46E-03	yes
Deer mouse	0.0089	3.96	3.29	2.91E-02	yes	14.17	0.427	3.78E-03	yes	0.83	1.2	1.06E-02	yes
Mule deer	0.0007	2.37	3.29	2.33E-03	yes	8.5	0.427	3.02E-04	yes	0.5	1.2	8.50E-04	yes
Jackrabbit	0.0020	2.37	3.29	6.45E-03	yes	8.5	0.427	8.37E-04	yes	0.5	1.2	2.35E-03	yes
Kit Fox	0.0044	1.19	3.29	1.45E-02	yes	4.25	0.427	1.89E-03	yes	0.25	1.2	5.30E-03	yes
Cobalt													
Passerine	0.1440	0.26	1.04	1.50E-01	yes	168.00	2.50	3.60E-01	yes	11.06	2.84	4.09E-01	yes
A. Kestrel	0.0081	0.26	1.04	8.44E-03	yes	168.00	2.50	2.03E-02	yes	11.06	2.84	2.31E-02	yes
G.H. Owl	0.0037	0.26	1.04	3.87E-03	yes	168.00	2.50	9.30E-03	yes	11.06	2.84	1.06E-02	yes
Golden Eagle	0.0037	0.13	1.04	3.87E-03	yes	84.00	2.50	9.30E-03	yes	5.53	2.84	1.06E-02	yes
Bald Eagle	0.0037	0.13	1.04	3.87E-03	yes	84.00	2.50	9.30E-03	yes	5.53	2.84	1.06E-02	yes
Deer mouse	0.0089	4.00	1.04	9.20E-03	yes	0.08	2.50	2.21E-02	yes	1.57	2.84	2.51E-02	yes
Mule deer	0.0007	4.00	1.04	7.36E-04	yes	0.05	2.50	1.77E-03	yes	1.57	2.84	2.01E-03	yes
Jackrabbit	0.0020	4.00	1.04	2.04E-03	yes	0.05	2.50	4.90E-03	yes	1.57	2.84	5.57E-03	yes
Kit Fox	0.0044	2.50	1.04	4.60E-03	yes	0.02	2.50	1.11E-02	yes	0.98	2.84	1.26E-02	yes
Iron													
Passerine	0.1440	78	6.66	9.59E-01	yes	2.9	7.44	1.07E+00	yes	82	9.87	1.42E+00	yes
A. Kestrel	0.0081	78	6.66	5.41E-02	yes	14.5	7.44	6.04E-02	yes	82	9.87	8.01E-02	yes
G.H. Owl	0.0037	78	6.66	2.48E-02	yes	2.9	7.44	2.77E-02	yes	82	9.87	3.67E-02	yes
Golden Eagle	0.0037	39	6.66	2.48E-02	yes	1.81	7.44	2.77E-02	yes	41	9.87	3.67E-02	yes
Bald Eagle	0.0037	39	6.66	2.48E-02	yes	1.81	7.44	2.77E-02	yes	41	9.87	3.67E-02	yes
Deer mouse	0.0089	6.52	6.66	5.89E-02	yes	1.33	7.44	6.58E-02	yes	22.22	9.87	8.73E-02	yes
Mule deer	0.0007	3.91	6.66	4.72E-03	yes	0.8	7.44	5.27E-03	yes	13.33	9.87	6.99E-03	yes
Jackrabbit	0.0020	3.91	6.66	1.31E-02	yes	0.8	7.44	1.46E-02	yes	13.33	9.87	1.93E-02	yes
Kit Fox	0.0044	1.96	6.66	2.94E-02	yes	0.4	7.44	3.29E-02	yes	6.67	9.87	4.36E-02	yes
Manganese													

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptors (Soil Ingestion) (continued)

Receptors	Rate (kg/kg bw/day)	Mercury			Nickel			Thallium			Selenium			DL Pass	Comp Value	CRL mg/kg
		TBV ^(a)	CRL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	CRL mg/kg	Comp Value	DL Pass	TBV	CRL mg/kg	Comp Value	DL Pass			
Passerine	0.1440	0.5	0.0543	7.82E-03	yes	5.82	2.74	3.95E-01	yes	0.13	0.449	6.47E-02	yes			
A. Kestrel	0.0081	0.5	0.0543	4.41E-04	yes	5.82	2.74	2.22E-02	yes	0.13	0.449	3.65E-03	yes			
G.H. Owl	0.0037	0.5	0.0543	2.02E-04	yes	5.82	2.74	1.02E-02	yes	0.13	0.449	1.67E-03	yes			
Golden Eagle	0.0037	0.25	0.0543	2.02E-04	yes	2.91	2.74	1.02E-02	yes	0.07	0.449	1.67E-03	yes			
Bald Eagle	0.0037	0.25	0.0543	2.02E-04	yes	2.91	2.74	1.02E-02	yes	0.07	0.449	1.67E-03	yes			
Deer mouse	0.0089	0.33	0.0543	4.81E-04	yes	10.53	2.74	2.42E-02	yes	0.05	0.449	3.97E-03	yes			
Mule deer	0.0007	0.26	0.0543	3.84E-05	yes	6.32	2.74	1.94E-03	yes	0.04	0.449	3.18E-04	yes			
Jackrabbit	0.0020	0.26	0.0543	1.06E-04	yes	6.32	2.74	5.37E-03	yes	0.04	0.449	8.80E-04	yes			
Kit Fox	0.0044	0.13	0.0543	2.40E-04	yes	3.16	2.74	1.21E-02	yes	0.02	0.449	1.98E-03	yes			
Passerine	0.1440	2.49	0.803	1.16E-01	yes	0.05	34.30	4.94E+00	no	ND	1.41	2.03E-01	NA			
A. Kestrel	0.0081	2.49	0.803	6.52E-03	yes	0.05	34.30	2.79E-01	no	ND	1.41	1.14E-02	NA			
G.H. Owl	0.0037	2.49	0.803	2.99E-03	yes	0.05	34.30	1.28E-01	no	ND	1.41	5.25E-03	NA			
Golden Eagle	0.0037	1.25	0.803	2.99E-03	yes	0.02	34.30	1.28E-01	no	ND	1.41	5.25E-03	NA			
Bald Eagle	0.0037	1.25	0.803	2.99E-03	yes	0.02	34.30	1.28E-01	no	ND	1.41	5.25E-03	NA			
Deer mouse	0.0089	13.6	0.803	7.11E-03	yes	0.03	34.30	3.04E-01	no	0.53	1.41	1.25E-02	yes			
Mule deer	0.0007	17	0.803	5.69E-04	yes	0.02	34.30	2.43E-02	no	0.67	1.41	9.98E-04	yes			
Jackrabbit	0.0020	13.6	0.803	1.57E-03	yes	0.02	34.30	6.72E-02	no	0.53	1.41	2.76E-03	yes			
Kit Fox	0.0044	6.8	0.803	3.55E-03	yes	0.01	34.30	1.52E-01	no	0.27	1.41	6.23E-03	yes			
Passerine	0.1440	5.4	2.34	3.37E-01	yes											
A. Kestrel	0.0081	5.4	2.34	1.90E-02	yes											
G.H. Owl	0.0037	5.4	2.34	8.70E-03	yes											
Golden Eagle	0.0037	2.7	2.34	8.70E-03	yes											
Bald Eagle	0.0037	2.7	2.34	8.70E-03	yes											
Deer mouse	0.0089	6.8	2.34	2.07E-02	yes											
Mule deer	0.0007	8.5	2.34	1.66E-03	yes											
Jackrabbit	0.0020	6.8	2.34	4.59E-03	yes											
Kit Fox	0.0044	3.4	2.34	1.03E-02	yes											

Note.—Rate represents 95% Percentile Soil Ingestion Rate.

^aToxicity benchmark value (mg/kg bw/day).

^bCRL = Certified reporting limit.

^cComp Value = Comparison value.

^dDL = Detection limit.

^eND = No data.

^fNA = Not applicable.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
Passerine Birds (Dietary Ingestion Rate = 1.388 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	gh ^(e)	1.28E-02	1.78E-02	NA ^(f)	2,4,6-TNT	gh	3.76E-02	5.22E-02	NA	4,4-DDE	gh	8.60E-04	1.19E-03	yes
ND	rb ^(g)	1.41E+01	1.96E+01	NA	ND ^(h)	rb	5.70E+00	7.91E+00	NA	0.02	rb	3.37E-02	4.68E-02	no
	gw ⁽ⁱ⁾	7.93E+00	1.10E+01	NA		gw	1.36E+01	1.88E+01	NA		gw	6.85E-02	9.51E-02	no
	sc ^(j)	4.08E-01	5.66E-01	NA		sc	2.22E-01	3.08E-01	NA		sc	2.66E-03	3.69E-03	yes
	jr ^(k)	NA	NA	NA		jr	NA	NA	NA		jr	6.70E-04	9.30E-04	yes
4,4-DDT	gh	4.30E-04	5.97E-04	yes	2,4-D	gh	1.70E-01	2.36E-01	NA	Phenanthrene	gh	3.40E-03	4.72E-03	NA
0.02	rb	4.76E-02	6.61E-02	no	ND	rb	1.52E+00	2.11E+00	NA	ND	rb	3.71E-03	5.15E-03	NA
	gw	2.31E-02	3.21E-02	no		gw	2.23E+00	3.09E+00	NA		gw	3.44E-03	4.77E-03	NA
	sc	6.01E-03	8.34E-03	yes		sc	1.33E+00	1.84E+00	NA		sc	1.40E-03	1.95E-03	NA
	jr	1.00E-02	1.39E-02	yes		jr	1.24E+00	1.72E+00	NA		jr	3.73E-04	5.18E-04	NA
Chrysene	gh	1.30E-03	1.80E-03	NA	Fluoranthene	gh	2.90E-03	4.03E-03	NA	Pyrene	gh	1.20E-03	1.67E-03	NA
ND	rb	8.32E-04	1.16E-03	NA	ND	rb	1.30E-03	1.80E-03	NA	ND	rb	3.14E-04	4.36E-04	NA
	gw	6.87E-04	9.54E-04	NA		gw	3.56E-03	4.95E-03	NA		gw	1.85E-03	2.56E-03	NA
	sc	6.15E-04	8.54E-04	NA		sc	6.03E-04	8.37E-04	NA		sc	2.16E-04	3.00E-04	NA
	jr	5.60E-04	7.78E-04	NA		jr	8.55E-04	1.19E-03	NA		jr	3.94E-04	5.46E-04	NA
Benzo(a)Anthracene	gh	1.20E-03	1.67E-03	NA	Benzo(k)fluoranthene	gh	1.10E-03	1.53E-03	NA					
ND	rb	3.57E-04	4.95E-04	NA	ND	rb	8.10E-04	1.12E-03	NA					
	gw	8.04E-04	1.12E-03	NA		gw	8.07E-04	1.12E-03	NA					
	sc	5.02E-04	6.97E-04	NA		sc	4.51E-04	6.26E-04	NA					
	jr	4.93E-04	6.84E-04	NA		jr	5.03E-01	6.99E-01	NA					

Note.—Passerine>insects>(grasshoppers), plants (seeds), jackrabbit (small mammal carcass). Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg-bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^egh = grasshopper.

^fNA = not applicable.

^grb = rabbitbrush.

^hND = no data.

ⁱgw = gunweed.

^jsc = sweetclover.

^kjr = jackrabbit.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
the American Kestrel (Dietary Ingestion Rate = 0.29 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	jr ^(e)	ND ^(f)	NA ^(g)	NA	2,4,6-TNT	jr	ND	NA	NA	4,4-DDE	jr	6.70E-04	1.94E-04	yes
ND	gh ^(h)	1.28E-02	3.71E-03	NA	ND	gh	3.76E-02	1.09E-02	NA	0.02	gh	8.60E-04	2.49E-04	yes
4,4-DDT	jr	1.00E-02	2.90E-03	yes	2,4-D	jr	1.24E+00	3.60E-01	NA	Phenanthrene	jr	3.70E-04	1.07E-04	NA
0.02	gh	4.30E-04	1.25E-04	yes	ND	gh	1.70E-01	4.93E-02	NA	ND	gh	3.40E-03	9.86E-04	NA
Chrysene	jr	5.60E-04	1.62E-04	NA	Fluoranthene	jr	8.60E-04	2.49E-04	NA	Pyrene	jr	3.90E-04	1.13E-04	NA
ND	gh	1.30E-03	3.77E-04	NA	ND	gh	2.90E-03	8.41E-04	NA	ND	gh	1.20E-03	3.48E-04	NA
Benzo(a)Anthracene	jr	4.90E-04	1.42E-04	NA	Benzo(k)fluoranthene	jr	5.00E-04	1.45E-04	NA					
ND	gh	1.20E-03	3.48E-04	NA	ND	gh	1.10E-03	3.19E-04	NA					

Note.—Raptor>jackrabbit, insects. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg-bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fND = no data.

^gNA = not applicable.

^hgh = grasshopper.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
the Great Horned Owl (Dietary Ingestion Rate = 0.133 kg/kg bw/day)*

TEV ^(a)	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX ND	ND ^(b)	NA ^(e)	NA	2,4,6-TNT ND	jr	ND	NA	NA	4,4-DDE 0.02	jr	6.70E-04	8.91E-05	yes
4,4-DDT 0.02	1.00E-02	1.33E-03	yes	2,4-D ND	jr	1.24E+00	1.65E-01	NA	Phenanthrene ND	jr	3.70E-04	4.92E-05	NA
Chrysene ND	5.60E-04	7.45E-05	NA	Fluoranthene ND	jr	8.60E-04	1.14E-04	NA	Pyrene ND	jr	3.90E-04	5.19E-05	NA
Benzo(a)Anthracene ND	4.90E-04	6.52E-05	NA	Benzo(k)fluoranthene ND	jr	5.00E-04	6.65E-05	NA					

Note. — Raptor>jackrabbit. Rate represents 95% Percentile Dietary Ingestion Rate

^aTBV = toxicity benchmark value (mg/kg-bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fND = no data.

^gNA = not applicable.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
the Golden Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)*

TBV ^(a)	Matrix jr ^(c)	MDL ^(b) mg/kg ND ^(d)	Comp ^(e) Value NA ^(f)	DL ^(g) Pass	TBV	Matrix jr	MDL mg/kg ND	Comp Value NA	DL Pass	TBV	Matrix jr	MDL mg/kg 6.70E-04	Comp Value 8.91E-05	DL Pass yes
RDX ND				NA	2,4,6-TNT ND				NA	4,4-DDE 0.02				
4,4-DDT 0.02	jr	1.00E-02	1.33E-03	yes	2,4-D ND	jr	1.24E+00	1.65E-01	NA	Phenanthrene ND	jr	3.70E-04	4.92E-05	NA
Chrysene ND	jr	5.60E-04	7.45E-05	NA	Fluoranthene ND	jr	8.60E-04	1.14E-04	NA	Pyrene ND	jr	3.90E-04	5.19E-05	NA
Benzo(a)Anthracene ND	jr	4.90E-04	6.52E-05	NA	Benzo(k)fluoranthene ND	jr	5.00E-04	6.65E-05	NA					

Note — Raptor>jackrabbit, insects. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fND = no data.

^gNA = not applicable.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
the Bald Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX ND	jr ^(e)	ND ^(f)	NA ^(g)	NA	2,4,6-TNT ND	jr	ND	NA	NA	4,4-DDE 0.05	jr	6.70E-04	8.91E-05	yes
4,4-DDT 0.05	jr	1.00E-02	1.33E-03	yes	2,4-D ND	jr	1.24E+00	1.65E-01	NA	Phenanthrene ND	jr	3.70E-04	4.92E-05	NA
Chrysene ND	jr	5.60E-04	7.45E-05	NA	Fluoranthene ND	jr	8.60E-04	1.14E-04	NA	Pyrene ND	jr	3.90E-04	5.19E-05	NA
Benzo(a)Anthracene ND	jr	4.90E-04	6.52E-05	NA	Benzo(k)fluoranthene ND	jr	5.00E-04	6.65E-05	NA					

Note.—Raptor>jackrabbit, insects. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg-bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fND = no data.

^gNA = not applicable.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
the Deer Mouse (Dietary Ingestion Rate = 0.372 kg/kg bw/day)*

TBV ^(a)	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX 0.07	rb ^(e) 14.0	5.21E+00	no	2,4,6-TNT	rb	5.7	2.12E+00	no	4,4-DDE	rb	0.0337	1.25E-02	yes
	sc ^(e) 0.41	1.53E-01	no	0.1	sc	0.222	8.26E-02	yes	2.13	sc	0.00266	9.90E-04	yes
	gw ^(e) 7.90	2.94E+00	no		gw	13.6	5.06E+00	no		gw	0.0685	2.55E-02	yes
	gh ^(e) 0.01	4.76E-03	yes		gh	0.038	1.40E-02	yes		gh	0.00086	3.20E-04	yes
4,4-DDT 2.13	rb	0.0476	1.77E-02	yes	rb	1.5	5.58E-01	no	Phenanthrene	rb	0.0037	1.38E-03	yes
	sc	0.0060	2.24E-03	yes	sc	1.3	4.84E-01	no	1.11	sc	0.0014	5.21E-04	yes
	gw	0.023	8.59E-03	yes	gw	2.2	8.18E-01	no		gw	0.00344	1.28E-03	yes
	gh	4.30E-04	1.60E-04	yes	gh	0.2	6.32E-02	yes		gh	0.0034	1.26E-03	yes
Chrysene 1.11	rb	0.0008	3.09E-04	yes	rb	0.0013	4.84E-04	yes	Pyrene	rb	0.00031	1.15E-04	yes
	sc	0.0006	2.31E-04	yes	sc	0.0006	2.23E-04	yes	1.11	sc	0.00022	8.18E-05	yes
	gw	0.0007	2.57E-04	yes	gw	0.0036	1.34E-03	yes		gw	0.0018	6.70E-04	yes
	gh	0.0013	4.84E-04	yes	gh	0.0029	1.08E-03	yes		gh	0.0012	4.46E-04	yes
Benzo(a)Anthracene 1.11	rb	0.0004	1.34E-04	yes	rb	0.00081	3.01E-04	yes		rb			
	sc	0.0005	1.86E-04	yes	sc	0.00045	1.67E-04	yes		sc			
	gw	0.0008	2.98E-04	yes	gw	0.00081	3.01E-04	yes		gw			
	gh	0.0012	4.46E-04	yes	gh	0.0011	4.09E-04	yes		gh			

Note.—Deer mouse>insects, plants (seeds). Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg-bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gumweed.

^hgh = grasshopper.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
the Mule Deer (Dietary Ingestion Rate = 0.035 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	rb ^(e)	14.0	4.90E-01	no	2,4,6-TNT	rb	6	2.00E-01	no	4,4-DDE	rb	0.0337	1.18E-03	yes
0.04	sc ^(f)	0.41	1.44E-02	yes	0.1	sc	0.220	7.70E-03	yes	1.7	sc	0.00266	9.31E-05	yes
	gw ^(g)	7.90	2.77E-01	no		gw	14	4.90E-01	no		gw	0.0685	2.40E-03	yes
4,4-DDT	rb	0.0476	1.67E-03	yes	2,4-D	rb	2	5.25E-02	yes	Phenanthrene	rb	0.0037	1.30E-04	yes
1.7	sc	0.0060	2.10E-04	yes	0.2	sc	1	4.55E-02	yes	0.67	sc	0.0014	4.90E-05	yes
	gw	0.023	8.09E-04	yes		gw	2	7.70E-02	yes		gw	0.0034	1.19E-04	yes
Chrysene	rb	0.0008	2.91E-05	yes	Fluoranthene	rb	0.0013	4.55E-05	yes	Pyrene	rb	0.00031	1.09E-05	yes
0.67	sc	0.0006	2.17E-05	yes	0.67	sc	0.0006	2.10E-05	yes	0.67	sc	0.00022	7.70E-06	yes
	gw	0.0007	2.42E-05	yes		gw	0.0036	1.26E-04	yes		gw	0.0018	6.30E-05	yes
Benzo(a)Anthracene	rb	0.0004	1.26E-05	yes	Benzo(k)fluoranthene	rb	0.00081	2.84E-05	yes					
0.67	sc	0.0005	1.75E-05	yes	0.67	sc	0.00045	1.58E-05	yes					
	gw	0.0008	2.80E-05	yes		gw	0.00081	2.84E-05	yes					

Note.—Mule Deer>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gumweed.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
the Jackrabbit (Dietary Ingestion Rate = 0.098 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	rb ^(e)	14.0	1.37E+00	no	2,4,6-TNT	rb	6	5.59E-01	no	4,4-DDE	rb	0.0337	3.30E-03	yes
0.04	sc ^(f)	0.41	4.02E-02	no	0.1	sc	0.220	2.16E-02	yes	1.7	sc	0.00266	2.61E-04	yes
	gw ^(g)	7.90	7.74E-01	no		gw	14	1.37E+00	no		gw	0.0685	6.71E-03	yes
4,4-DDT	rb	0.0476	4.66E-03	yes	2,4-D	rb	2	1.47E-01	yes	Phenanthrene	rb	0.0037	3.63E-04	yes
1.7	sc	0.0060	5.89E-04	yes	0.2	sc	1	1.27E-01	yes	0.67	sc	0.0014	1.37E-04	yes
	gw	0.023	2.26E-03	yes		gw	2	2.16E-01	no		gw	0.0034	3.33E-04	yes
Chrysene	rb	0.0008	8.13E-05	yes	Fluoranthene	rb	0.0013	1.27E-04	yes	Pyrene	rb	0.00031	3.04E-05	yes
0.67	sc	0.0006	6.08E-05	yes	0.67	sc	0.0006	5.88E-05	yes	0.67	sc	0.00022	2.16E-05	yes
	gw	0.0007	6.76E-05	yes		gw	0.0036	3.53E-04	yes		gw	0.0018	1.76E-04	yes
Benzo(a)Anthracene	rb	0.0004	3.53E-05	yes	Benzo(k)fluoranthene	rb	0.00081	7.94E-05	yes					
0.67	sc	0.0005	4.90E-05	yes	0.67	sc	0.00045	4.41E-05	yes					
	gw	0.0008	7.84E-05	yes		gw	0.00081	7.94E-05	yes					

Note.—Jackrabbit>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg-bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gumweed.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Organics for
the Kit Fox (Dietary Ingestion Rate = 0.158 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
RDX	jr ^(e)	ND ^(f)	NA ^(g)	NA	2,4,6-TNT	jr	ND	NA	NA	4,4-DDDE	jr	6.70E-04	1.06E-04	yes
0.02	gh ^(h)	1.28E-02	2.02E-03	yes	0.08	gh	3.76E-02	5.94E-03	yes	0.85	gh	8.60E-04	1.36E-04	yes
4,4-DDT	jr	1.00E-02	1.58E-03	yes	2,4-D	jr	1.20E+00	1.90E-01	no	Phenanthrene	jr	3.70E-04	5.85E-05	yes
0.85	gh	4.30E-04	6.79E-05	yes	0.017	gh	1.70E-01	2.69E-02	no	0.33	gh	3.40E-03	5.37E-04	yes
Chrysene	jr	5.60E-04	8.85E-05	yes	Fluoranthene	jr	8.60E-04	1.36E-04	yes	Pyrene	jr	3.90E-04	6.16E-05	yes
0.33	gh	1.30E-03	2.05E-04	yes	0.33	gh	2.90E-03	4.58E-04	yes	0.33	gh	1.20E-03	1.90E-04	yes
Benzo(a)Anthracene	jr	4.90E-04	7.74E-05	yes	Benzo(k)fluoranthene	jr	5.00E-04	7.90E-05	yes					
0.33	gh	1.20E-03	1.90E-04	yes	0.33	gh	1.10E-03	1.74E-04	yes					

Note.—Kit fox>insects, jackrabbit, deer mouse. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fND = no data.

^gNA = not applicable.

^hgh = grasshopper.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for
Passerine Birds (Dietary Ingestion Rate = 1.388 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum ND ^(e)	gh ^(f) rb ^(g) gw ^(h) sc ⁽ⁱ⁾ jr ^(k)	4.94 19.3 80.5 11.3 8.66	6.86E+00 2.68E+01 1.12E+02 1.57E+01 1.20E+01	NA ^(l) NA NA NA NA	Antimony ND	gh rb gw sc jr	0.204 0.523 0.329 1 0.461	2.83E-01 7.26E-01 4.57E-01 1.39E+00 6.40E-01	NA NA NA NA NA	Arsenic 2.8	gh rb gw sc jr	0.189 0.258 0.628 0.295 0.268	2.62E-01 3.58E-01 8.72E-01 4.09E-01 3.72E-01	yes yes yes yes yes
Barium 19.4	gh rb gw sc jr	0.381 0.411 1.75 1.45 4.43	5.29E-01 5.70E-01 2.43E+00 2.01E+00 6.15E+00	yes yes yes yes yes	Beryllium 19.4	gh rb gw sc jr	0.00314 0.006 0.0042 0.0034 0.0026	4.36E-03 8.33E-03 5.83E-03 4.72E-03 3.61E-03	yes yes yes yes yes	Cadmium 0.13	gh rb gw sc jr	0.1 0.108 0.408 0.125 0.114	1.39E-01 1.50E-01 5.66E-01 1.74E-01 1.58E-01	no no no no no
Cobalt 168.00	gh rb gw sc jr	0.065 0.0945 0.0766 0.0719 0.0522	9.02E-02 1.31E-01 1.06E-01 9.98E-02 7.25E-02	yes yes yes yes yes	Copper 11.06	gh rb gw sc jr	0.683 1.08 0.955 0.265 0.367	1.39E+00 9.48E-01 1.50E+00 3.68E-01 5.54E+00	yes yes yes yes yes	Iron 78	gh rb gw sc jr	4.25 18.4 61.6 10.6 95.3	5.90E+00 2.55E+01 8.55E+01 1.47E+01 1.32E+02	yes yes no yes no
Lead 2.9	gh rb gw sc jr	0.301 0.281 0.351 0.194 20.48	4.18E-01 3.90E-01 4.87E-01 2.69E-01 5.45E-01	yes yes yes yes no	Manganese 82	gh rb gw sc jr	3.99 1.36 3.84 3.67 0.536	5.54E+00 1.89E+00 5.33E+00 5.09E+00 7.44E-01	yes yes yes yes yes	Mercury 0.5	gh rb gw sc jr	0.00933 0.007 0.016 0.0063 0.0028	1.30E-02 9.72E-03 2.22E-02 8.74E-03 3.89E-03	yes yes yes yes yes
Nickel 5.82	gh rb gw sc jr	0.393 0.22 0.185 0.227 0.0992	2.98E-01 2.57E-01 3.15E-01 1.38E-01 4.52E+00	yes yes yes yes yes	Silver 2.49	gh rb gw sc jr	0.0828 0.162 0.157 0.0704 0.371	1.15E-01 2.25E-01 2.18E-01 9.77E-02 5.15E-01	yes yes yes yes yes	Selenium 0.13	gh rb gw sc jr	0.0968 0.446 0.563 0.609 0.241	1.34E-01 6.19E-01 7.81E-01 8.45E-01 3.35E-01	no no no no no
Zinc 5.4	gh rb gw sc jr	3.26 1.16 3.19 0.598 3.92	1.61E+00 4.43E+00 8.30E-01 5.44E+00	yes yes yes yes no	Chromium 0.26	gh rb gw sc jr	0.0666 0.06 0.185 0.0779 0.0996	9.24E-02 8.33E-02 2.57E-01 1.08E-01 1.38E-01	yes yes yes yes yes	Vanadium ND	gh rb gw sc jr	0.0684 0.0781 0.107 0.124 0.0554	9.49E-02 1.08E-01 1.49E-01 1.72E-01 7.69E-02	NA NA NA NA NA

Note.—Passerine>insects(grasshoppers), plants (seeds), jackrabbit (small mammal carcass). Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg-bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^egh = grasshopper.

^fNA = not applicable.

^gND = no data.

^hrb = rabbitbrush.

ⁱgw = gunweed.

^jsc = sweetclover.

^kjr = jackrabbit.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the American Kestrel (Dietary Ingestion Rate = 0.29 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum	jr ^(e)	8.66	2.51E+00	NA	Antimony	jr	0.461	1.34E-01	NA	Arsenic	jr	0.268	7.77E-02	yes
ND	gh ^(f)	4.94	1.43E+00	NA	ND	gh	0.204	5.92E-02	NA	2.8	gh	0.189	5.48E-02	yes
Barium	jr	4.43	1.28E+00	yes	Beryllium	jr	0.0026	7.54E-04	yes	Cadmium	jr	0.114	3.31E-02	yes
19.4	gh	0.381	1.10E-01	yes	19.4	gh	0.00314	9.11E-04	yes	0.13	gh	0.1	2.90E-02	yes
Cobalt	jr	0.0522	1.51E-02	yes	Copper	jr	0.265	7.69E-02	yes	Iron	jr	95.3	2.76E+01	yes
168	gh	0.065	1.89E-02	yes	11.06	gh	1	2.90E-01	yes	78	gh	4.25	1.23E+00	yes
Lead	jr	20.68	6.00E+00	yes	Manganese	jr	0.536	1.55E-01	yes	Mercury	jr	0.0028	8.12E-04	yes
14.5	gh	0.301	8.73E-02	yes	82	gh	3.99	1.16E+00	yes	0.5	gh	0.00933	2.71E-03	yes
Nickel	jr	0.0992	2.88E-02	yes	Silver	jr	0.371	1.08E-01	yes	Selenium	jr	0.241	6.99E-02	yes
5.82	gh	0.39	1.14E-01	yes	2.49	gh	0.0828	2.40E-02	yes	0.13	gh	0.0968	2.81E-02	yes
Zinc	jr	3.92	1.14E+00	yes	Chromium	jr	0.0996	2.89E-02	yes	Vanadium	jr	0.0554	1.61E-02	NA
5.4	gh	3.26	9.45E-01	yes	0.26	gh	0.0666	1.93E-02	yes	ND	gh	0.0684	1.98E-02	NA
Thallium	jr	ND ^(g)	NA ^(h)	NA										
0.05	gh	ND	NA	NA										

Note.—American Kestrel > jackrabbit, insects. For lead, used uc195 value from meltvar.xls, mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value (mg/kg-bw/day).

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fgh = grasshopper.

^gND = no data.

^hNA = not applicable.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for
the Great Horned Owl (Dietary Ingestion Rate = 0.133 kg/kg bw/day)*

TBV ^(a)	Matrix jr ^(c)	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix jr	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix jr	MDL mg/kg	Comp Value	DL Pass
Aluminum ND		8.66	1.15E+00	NA	Antimony ND		0.461	6.13E-02	NA	Arsenic 2.8		0.268	3.56E-02	yes
Barium 19.4	jr	4.43	5.89E-01	yes	Beryllium 19.4	jr	0.0026	3.46E-04	yes	Cadmium 0.13	jr	0.114	1.52E-02	yes
Cobalt 168.00	jr	0.0522	6.94E-03	yes	Copper 11.06	jr	0.265	3.52E-02	yes	Iron 78	jr	95.3	1.27E+01	yes
Lead 2.9	jr	20.68	2.73E+00	yes	Manganese 82	jr	0.536	7.13E-02	yes	Mercury 0.5	jr	0.0028	3.72E-04	yes
Nickel 5.82	jr	0.0992	1.32E-02	yes	Silver 2.49	jr	0.371	4.93E-02	yes	Selenium 0.13	jr	0.241	3.21E-02	yes
Zinc 5.4	jr	3.92	5.21E-01	yes	Chromium 0.26	jr	0.0996	1.32E-02	yes	Vanadium ND	jr	0.0554	7.37E-03	NA
Thallium 0.05	jr	ND ^(f)	NA ^(g)	NA										

Note.—MDLs are for jackrabbit tissue; TBVs are for raptors (all same among raptors). Raptor>jackrabbit. For lead, used uc95 value from mclvar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

^(a)TBV = toxicity benchmark value.

^(b)MDL = method detection limit.

^(c)Comp Value = comparison value.

^(d)DL = detection limit.

^(e)jr = jackrabbit.

^(f)NA = not applicable.

^(g)ND = no data.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Golden Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum ND	jr ^(e)	8.66	1.15E+00	NA	Antimony ND	jr	0.461	6.13E-02	NA	Arsenic 1.4	jr	0.268	3.56E-02	yes
Barium 9.7	jr	4.43	5.89E-01	yes	Beryllium 9.7	jr	0.0026	3.46E-04	yes	Cadmium 0.07	jr	0.114	1.52E-02	yes
Cobalt 84.00	jr	0.0522	6.94E-03	yes	Copper 5.53	jr	0.265	3.52E-02	yes	Iron 39	jr	95.3	1.27E+01	yes
Lead 1.81	jr	20.68	2.75E+00	no	Manganese 41	jr	0.536	7.13E-02	yes	Mercury 0.25	jr	0.0028	3.72E-04	yes
Nickel 2.91	jr	0.0992	1.32E-02	yes	Silver 1.25	jr	0.371	4.93E-02	yes	Selenium 0.07	jr	0.241	3.21E-02	yes
Zinc 2.7	jr	3.92	5.21E-01	yes	Chromium 0.13	jr	0.0996	1.32E-02	yes	Vanadium ND	jr	0.0554	7.37E-03	NA
Thallium 0.02	jr	ND ^(f)	NA ^(g)	NA										

Note.—MDLs are for jackrabbit tissue; TBVs are for raptors (all same among raptors). Raptor>jackrabbit. For lead, used uel95 value from metlvar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fNA = not applicable.

^gND = no data.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Bald Eagle (Dietary Ingestion Rate = 0.133 kg/kg bw/day)

TBV ^(a)	Matrix jr ^(c)	MDL ^(b) mg/kg	Comp ^(e) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum ND		8.66	1.15E+00	NA	Antimony ND	jr	0.461	6.13E-02	NA	Arsenic 1.4	jr	0.268	3.56E-02	yes
Barium 9.7	jr	4.43	5.89E-01	yes	Beryllium 9.7	jr	0.0026	3.46E-04	yes	Cadmium 0.07	jr	0.114	1.52E-02	yes
Cobalt 84.00	jr	0.0522	6.94E-03	yes	Copper 5.53	jr	0.265	3.52E-02	yes	Iron 39	jr	95.3	1.27E+01	yes
Lead 1.81	jr	20.68	2.75E+00	no	Manganese 41	jr	0.536	7.13E-02	yes	Mercury 0.25	jr	0.0028	3.72E-04	yes
Nickel 2.91	jr	0.0992	1.32E-02	yes	Silver 1.25	jr	0.371	4.93E-02	yes	Selenium 0.07	jr	0.241	3.21E-02	yes
Zinc 2.7	jr	3.92	5.21E-01	yes	Chromium 0.13	jr	0.0996	1.32E-02	yes	Vanadium ND	jr	0.0554	7.37E-03	NA
Thallium 0.02	jr	ND ^(f)	NA ^(g)	NA										

Note.—MDLs are for jackrabbit tissue; TBVs are for raptors (all same among raptors). Raptor = jackrabbit. For lead, used ucl95 value from melivar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fNA = not applicable.

^gND = no data.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Deer Mouse (Dietary Ingestion Rate = 0.372 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum 16.67	rb ^(e)	19.3	7.18E+00	yes	Antimony	rb	0.523	1.95E-01	yes	Arsenic	rb	0.258	9.60E-02	yes
	sc ^(f)	11.3	4.20E+00	yes	0.2	sc	1	3.72E-01	no	1.27	sc	0.295	1.10E-01	yes
	gw ^(g)	80.5	2.99E+01	no		gw	0.329	1.22E-01	yes		gw	0.628	2.34E-01	yes
	gh ^(h)	4.94	1.84E+00	yes		gh	0.204	7.59E-02	yes		gh	0.189	7.03E-02	yes
Barium 3.96	rb	0.411	1.53E-01	yes	Beryllium	rb	0.006	2.23E-03	yes	Cadmium	rb	0.108	4.02E-02	yes
	sc	1.45	5.39E-01	yes	14.17	sc	0.0034	1.26E-03	yes	0.83	sc	0.125	4.65E-02	yes
	gw	1.75	6.51E-01	yes		gw	0.0042	1.56E-03	yes		gw	0.408	1.52E-01	yes
	gh	0.381	1.42E-01	yes		gh	0.00314	1.17E-03	yes		gh	0.1	3.72E-02	yes
Cobalt 0.08	rb	0.0945	3.52E-02	yes	Copper	rb	0.683	2.54E-01	yes	Iron	rb	18.1	6.73E+00	no
	sc	0.07	2.67E-02	yes	1.57	sc	0.955	3.55E-01	yes	6.52	sc	10.6	3.94E+00	yes
	gw	0.0766	2.85E-02	yes		gw	1.08	4.02E-01	yes		gw	61.6	2.29E+01	no
	gh	0.065	2.42E-02	yes		gh	1	3.72E-01	yes		gh	4.25	1.58E+00	yes
Lead 1.33	rb	0.281	1.05E-01	yes	Manganese	rb	1.36	5.06E-01	yes	Mercury	rb	0.007	2.60E-03	yes
	sc	0.194	7.22E-02	yes	22.22	sc	3.67	1.37E+00	yes	0.33	sc	0.0063	2.34E-03	yes
	gw	0.351	1.31E-01	yes		gw	3.84	1.43E+00	yes		gw	0.016	5.95E-03	yes
	gh	0.301	1.12E-01	yes		gh	3.99	1.48E+00	yes		gh	0.00933	3.47E-03	yes
Nickel 10.53	rb	0.215	8.00E-02	yes	Silver	rb	0.162	6.03E-02	yes	Selenium	rb	0.446	1.66E-01	no
	sc	0.23	8.44E-02	yes	13.6	sc	0.0704	2.62E-02	yes	0.05	sc	0.609	2.27E-01	no
	gw	0.185	6.88E-02	yes		gw	0.157	5.84E-02	yes		gw	0.563	2.09E-01	no
	gh	0.393	1.46E-01	yes		gh	0.0828	3.08E-02	yes		gh	0.0968	3.60E-02	yes
Zinc 6.8	rb	1.16	4.32E-01	yes	Chromium	rb	0.06	2.23E-02	yes	Vanadium	rb	0.0781	2.91E-02	yes
	sc	0.598	2.22E-01	yes	4	sc	0.0779	2.90E-02	yes	0.53	sc	0.124	4.61E-02	yes
	gw	3.19	1.19E+00	yes		gw	0.185	6.88E-02	yes		gw	0.107	3.98E-02	yes
	gh	3.26	1.21E+00	yes		gh	0.0666	2.48E-02	yes		gh	0.0684	2.54E-02	yes

Note.—Deer mouse—insects, seeds, plants(rabbitbrush, sweetclover, gunweed). Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gunweed.

^hgh = grasshopper.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Jackrabbit (Dietary Ingestion Rate = 0.098 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum 16.67	rb ^(e)	19.3	1.89E+00	yes	Antimony 0.12	rb	0.523	5.13E-02	yes	Arsenic 0.76	rb	0.258	2.53E-02	yes
	sc ^(f)	11.3	1.11E+00	yes		sc	1	9.80E-02	yes		sc	0.295	2.89E-02	yes
	gw ^(g)	80.5	7.89E+00	yes		gw	0.329	3.22E-02	yes		gw	0.628	6.15E-02	yes
Barium 2.37	rb	0.411	4.03E-02	yes	Beryllium 8.5	rb	0.006	5.88E-04	yes	Cadmium 0.5	rb	0.108	1.06E-02	yes
	sc	1.45	1.42E-01	yes		sc	0.0034	3.33E-04	yes		sc	0.125	1.23E-02	yes
	gw	1.75	1.72E-01	yes		gw	0.0042	4.12E-04	yes		gw	0.408	4.00E-02	yes
Cobalt 0.05	rb	0.0945	9.26E-03	yes	Copper 1.57	rb	0.683	6.69E-02	yes	Iron 3.91	rb	18.1	1.77E+00	yes
	sc	0.07	7.05E-03	yes		sc	0.955	9.36E-02	yes		sc	10.6	1.04E+00	yes
	gw	0.0766	7.51E-03	yes		gw	1.08	1.06E-01	yes		gw	61.6	6.04E+00	no
Lead 0.8	rb	0.281	2.75E-02	yes	Manganese 13.33	rb	1.36	1.33E-01	yes	Mercury 0.26	rb	0.007	6.86E-04	yes
	sc	0.194	1.90E-02	yes		sc	3.67	3.60E-01	yes		sc	0.0063	6.17E-04	yes
	gw	0.351	3.44E-02	yes		gw	3.84	3.76E-01	yes		gw	0.016	1.57E-03	yes
Nickel 6.32	rb	0.215	2.11E-02	yes	Silver 13.6	rb	0.162	1.59E-02	yes	Selenium 0.04	rb	0.446	4.37E-02	no
	sc	0.23	2.22E-02	yes		sc	0.0704	6.90E-03	yes		sc	0.609	5.97E-02	no
	gw	0.185	1.81E-02	yes		gw	0.157	1.54E-02	yes		gw	0.563	5.52E-02	no
Zinc 6.8	rb	1.16	1.14E-01	yes	Chromium 4	rb	0.06	5.88E-03	yes	Vanadium 0.53	rb	0.0781	7.65E-03	yes
	sc	0.598	5.86E-02	yes		sc	0.0779	7.63E-03	yes		sc	0.124	1.22E-02	yes
	gw	3.19	3.13E-01	yes		gw	0.185	1.81E-02	yes		gw	0.107	1.05E-02	yes

Note.—Jackrabbit>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gumweed.

*Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for
the Mule Deer (Dietary Ingestion Rate = 0.035 kg/kg bw/day)*

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum 13.33	rb ^(e)	19.3	6.76E-01	yes	Antimony	rb	0.523	1.83E-02	yes	Arsenic	rb	0.258	9.03E-03	yes
	sc ^(f)	11.3	3.96E-01	yes	0.12	sc	1	3.50E-02	yes	0.76	sc	0.295	1.03E-02	yes
	gw ^(g)	80.5	2.82E+00	yes		gw	0.329	1.15E-02	yes		gw	0.628	2.20E-02	yes
Barium 2.37	rb	0.411	1.44E-02	yes	Beryllium	rb	0.006	2.10E-04	yes	Cadmium	rb	0.108	3.78E-03	yes
	sc	1.45	5.08E-02	yes	8.5	sc	0.0034	1.19E-04	yes	0.5	sc	0.125	4.38E-03	yes
	gw	1.75	6.13E-02	yes		gw	0.0042	1.47E-04	yes		gw	0.408	1.43E-02	yes
Cobalt 0.05	rb	0.0945	3.31E-03	yes	Copper	rb	0.683	2.39E-02	yes	Iron	rb	18.1	6.34E-01	yes
	sc	0.07	2.52E-03	yes	1.57	sc	0.955	3.34E-02	yes	3.91	sc	10.6	3.71E-01	yes
	gw	0.0766	2.68E-03	yes		gw	1.08	3.78E-02	yes		gw	61.6	2.16E+00	yes
Lead 0.8	rb	0.281	9.84E-03	yes	Manganese	rb	1.36	4.76E-02	yes	Mercury	rb	0.007	2.45E-04	yes
	sc	0.194	6.79E-03	yes	13.33	sc	3.67	1.28E-01	yes	0.26	sc	0.0063	2.21E-04	yes
	gw	0.351	1.23E-02	yes		gw	3.84	1.34E-01	yes		gw	0.016	5.60E-04	yes
Nickel 6.32	rb	0.215	7.53E-03	yes	Silver	rb	0.162	5.67E-03	yes	Selenium	rb	0.446	1.56E-02	yes
	sc	0.23	7.95E-03	yes	17	sc	0.0704	2.46E-03	yes	0.04	sc	0.609	2.13E-02	yes
	gw	0.185	6.48E-03	yes		gw	0.157	5.50E-03	yes		gw	0.563	1.97E-02	yes
Zinc 8.5	rb	1.16	4.06E-02	yes	Chromium	rb	0.06	2.10E-03	yes	Vanadium	rb	0.0781	2.73E-03	yes
	sc	0.598	2.09E-02	yes	4	sc	0.0779	2.73E-03	yes	0.67	sc	0.124	4.34E-03	yes
	gw	3.19	1.12E-01	yes		gw	0.185	6.48E-03	yes		gw	0.107	3.75E-03	yes

Note.—Mule deer>rabbitbrush, sweetclover, gumweed. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^erb = rabbitbrush.

^fsc = sweetclover.

^ggw = gumweed.

Evaluation of Analytical Detection Limits Relative to TBVs for Ecological Receptor - Dietary Ingestion of Inorganics for the Kit Fox (Dietary Ingestion Rate = 0.158 kg/kg bw/day)

TBV ^(a)	Matrix	MDL ^(b) mg/kg	Comp ^(c) Value	DL ^(d) Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass	TBV	Matrix	MDL mg/kg	Comp Value	DL Pass
Aluminum 6.67	jr ^(e) gh ^(f)	8.66 4.94	1.37E+00 7.81E-01	yes yes	Antimony 0.06	jr gh	0.461 0.204	7.28E-02 3.22E-02	no yes	Arsenic 0.38	jr gh	0.268 0.189	4.23E-02 2.99E-02	yes yes
Barium 1.19	jr gh	4.43 0.381	7.00E-01 6.02E-02	yes yes	Beryllium 4.25	jr gh	0.0026 0.00314	4.11E-04 4.96E-04	yes yes	Cadmium 0.25	jr gh	0.114 0.1	1.80E-02 1.58E-02	yes yes
Cobalt 0.02	jr gh	0.0522 0.07	8.25E-03 1.03E-02	yes yes	Copper 0.98	jr gh	0.265 1	4.19E-02 1.58E-01	yes yes	Iron 1.96	jr gh	95.3 4.25	1.51E+01 6.72E-01	no yes
Lead 0.4	jr gh	20.68 0.301	3.27E+00 4.76E-02	no yes	Manganese 6.67	jr gh	0.536 3.99	8.47E-02 6.30E-01	yes yes	Mercury 0.13	jr gh	0.0028 0.00933	4.42E-04 1.47E-03	yes yes
Nickel 3.16	jr gh	0.0992 0.39	1.57E-02 6.21E-02	yes yes	Silver 6.8	jr gh	0.371 0.0828	5.86E-02 1.31E-02	yes yes	Selenium 0.02	jr gh	0.241 0.0968	3.81E-02 1.53E-02	no yes
Zinc 3.4	jr gh	3.92 3.26	6.19E-01 5.15E-01	yes yes	Chromium 2.5	jr gh	0.0996 0.0666	1.57E-02 1.05E-02	yes yes	Vanadium 0.27	jr gh	0.0554 0.0684	8.75E-03 1.08E-02	yes yes
Thallium 0.01	jr gh	ND ^(g) ND	NA ^(h) NA	NA NA										

Note.—Kit fox > jackrabbit, insects. For lead, used uc95 value from metlvar.xls; mean was 13.2 µg/g for RSA. Rate represents 95% Percentile Dietary Ingestion Rate.

^aTBV = toxicity benchmark value.

^bMDL = method detection limit.

^cComp Value = comparison value.

^dDL = detection limit.

^ejr = jackrabbit.

^fgh = grasshopper.

^gND = no data.

^hNA = not applicable.

TECHNICAL DATA

Bioconcentration Factors (BCF) for Aquatic Invertebrates

Analyte	BCF	Reference
Acetone	NA	
Aluminum	1,550 algae 25,000 plankton	Jorgensen 1979.
Arsenic	17	USEPA 1980a.
Barium	260 algae 120 plankton	Jorgensen 1979.
Benzo(a)anthracene	See naphthalene	
Benzyl alcohol	NA	
Beryllium	10	Bodek et al. 1991.
Bis-2-ethylhexyl phthalate	NA	
Cadmium	1387.8	USEPA 1980.
Chrysene	See naphthalene	
Cobalt	200	Bodek et al. 1991.
Chromium	40	Bodek et al. 1991.
Copper	203	USEPA 1980.
Fluorene	See naphthalene	
Fluoranthene	See naphthalene	
Fluoride	0.86	Jorgensen 1979.
Iron	190 fish 87,000 plankton	Jorgensen 1979.
Lead	1,700	USEPA 1980.
Manganese	23 fish	Jorgensen 1979.
Mercury	15,000	USEPA 1980.
Methyl-n-butyl ketone	NA	
Naphthalene	12.54 snail 25-120 algae	Jorgensen 1977.
Nickel	100	Bodek et al. 1991.
Nitrate	7,500 algae 19,000 plankton	Jorgensen 1979. (based on N)
3-Nitrotoluene	NA	
Phenanthrene	See naphthalene	

Bioconcentration Factors (BCF) for Aquatic Invertebrates (continued)

Analyte	BCF	Reference
Pyrene	NA	
Selenium	167	Bodek et al. 1991.
Silver	5-36 <i>Daphnia magna</i>	Jorgensen 1979.
1,1,1-Trichloroethane	NA	
Vanadium	3,000 620 plankton	Bodek et al. 1991. Jorgensen 1979.
Zinc	1,130 1,700 chironomid	USEPA 1980. Jorgensen 1979.

Assimilation and Loss Rates

Analyte	Assimilation (A_r , day ⁻¹)	Biological half-life (T_b , days)	Loss Rate (K_{EL} , day ⁻¹)	Reference
Acetone	NA	3.5* (mussel)	0.198 based on T_b	Jorgensen 1979.
Aluminum	0.10			Venugopal and Luckey 1978.
Arsenic	0.94 (mouse, AsIII and AsV)	60 - 90 (rat)	0.0077-0.012	WHO 1981.
	0.95 (dog, AsV)	2.5 (chicken)	0.277	
		2.4 (dog)	0.288	
Barium	0.02	27% within 24 hr = 50% within 1.85 day	0.37 (est. from T_b)	Venugopal and Luckey 1978.
Benzo(a)anthracene	assume 0.3		0.892 (styrene, human)	Ramsey et al. 1980.
Benzo(a)pyrene (BaP)		2-16 (invertebrate)	0.04-0.35 (estimate from T_b)	
Benzyl alcohol	NA	NA	NA	
Beryllium	0.01	1,210 (mouse)	0.00057	WHO 1990b.
		890 (rat)	0.00078	
		1,770 (monkey)	0.00039	
		1,270 (dog)	0.00055	
			estimated from T_b	
Bis-2-ethylhexyl phthalate	0.56 (rat)	3 - 5	0.5-0.6 (reported)	WHO 1992a. Jorgensen 1979.
		12.2 - 4.56 (fish)	0.057 (estimate from T_b)	
Cadmium	0.05 - 0.20 (human)	93-202 (human)	0.0083 - 0.0568 (reported)	WHO 1992b.
	0.10 (mouse)	6,205 (kidney)	0.003-0.007 (est. human T_b)	
	0.005 - 0.08 (CdCl ₂ , CdNO ₃)	7,300 (renal cortex)	0.00011 (est. kidney T_b) 0.000095 (est. renal cortex T_b)	Jorgensen 1979.
		200 (mouse)	0.0347 (estimate from T_b)	
Chrysene	see BaP			
Cobalt	Assume 0.9	800 (human)	0.00087 (estimate from T_b)	Jorgensen 1979.
Chromium	0.001 - 0.012 0.50	83.4	0.0083 (estimate from T_b)	NAS 1974a.
Copper	0.05	NA	NA	Venugopal and Luckey 1978.

Assimilation and Loss Rates (continued)

Analyte	Assimilation (A_p , day ⁻¹)	Biological half-life (T_b , days)	Loss Rate (K_{EL} , day ⁻¹)	Reference
Fluorene	see BaP			
Fluoranthene	see BaP			
Iron	0.20	2,040-2,580 (human)	0.02 (est. from 2% of body burden excreted)	Venugopal and Luckey 1978.
			0.00034 (estimated from T_b)	Jorgensen 1979.
Lead	0.015 (adult)			Venugopal and Luckey 1978.
	0.9 (juvenile, assumed)			
Manganese	1-3.5 %	39 (human)	0.018 (estimated from T_b)	Jorgensen 1979.
Mercury	0.9 (CH ₃ Hg)	50 - 70	0.0099	WHO 1990c.
Methyl-n-butyl ketone	NA	NA	NA	
Nickel	0.03			Venugopal and Luckey 1978.
Nitrate	NA			
3-Nitrotoluene	NA			
Phenanthrene	see BaP			
Pyrene	see BaP			
Selenium		64 (earthworm) 13 (mouse) 10 (pheasant)	0.011 0.053 0.0693 (above values estimated from T_b)	Jorgensen 1979. Jorgensen 1979. Jorgensen 1979.
Silver	NA	NA	NA	
1,1,1-Trichloroethane		3.5	0.193	Jorgensen 1979.
Vanadium	0.1			Venugopal and Luckey 1978.
Zinc	0.5 - 0.8	7 days (human)	0.01(measured)	Friberg et. al. 1979.

Note.-* Value if for aliphatic hydrocarbons.

Physicochemical Constants Used in the Aquatic Food Web Model

Analyte	log K _{ow} ^(a)	log K _{oc} ^(b)	T _{1/2} ^(c) (days)	Reference
Acetone	NA ^(d)	NA	NA	Ryan et al. 1988.
Aluminum	NA	NA	a ^(e)	
Arsenic	NA	NA	a	
Barium	NA	NA	a	
Benzo(a)anthracene	5.61	5.29	> 50	Ryan et al. 1988.
Benzyl alcohol	NA	NA	NA	Ryan et al. 1988.
Beryllium	NA	NA	a	
Bis-2-ethylhexyl phthalate	8.73	8.41	10-50	Ryan et al. 1988.
	3-5		> 100 yr in H ₂ O; 5.25 d with biodegradation	WHO 1992a.
Cadmium	NA	NA	a	
Chrysene	5.61	5.29	> 50	Ryan et al. 1988.
Cobalt	NA	NA	a	
Chromium	NA	NA	a	
Copper	NA	NA	a	
Fluorene	4.18	3.86	> 50	Ryan et al. 1988.
Fluoranthene	5.33	5.01	> 50	Ryan et al. 1988.
Iron	NA	NA	a	
Lead	NA	NA	a	
Manganese	NA	NA	a	
Mercury	NA	NA	a	
Methyl-n-butyl ketone	1.38 (estimated from MIBK)	NA	NA	WHO 1990a.
Nickel	NA	NA	a	
Nitrate	NA	NA	a	
3-Nitrotoluene	NA	NA	NA	Ryan et al. 1988.
Phenanthrene	4.46	4.14	> 50	Ryan et al. 1988.

Physicochemical Constants Used in the Aquatic Food Web Model (continued)

Analyte	log K _{ow} ^(a)	log K _{oc} ^(b)	T _{1/2} ^(c) (days)	Reference
Pyrene	5.32	5	> 50	Ryan et al. 1988.
Selenium	NA	NA	a	
Sulfate	NA	NA	a	
1,1,1-Trichloroethane	2.17	1.85	NA	Ryan et al. 1988.
Vanadium	NA	NA	a	
Zinc	NA	NA	a	

^aK_{ow}=octanol water partition coefficient

^blog K_{oc}=soil-water partition coefficient normalized for organic carbon (log K_{oc}=log K_{ow}-0.317; Ryan *et al.*, 1988)

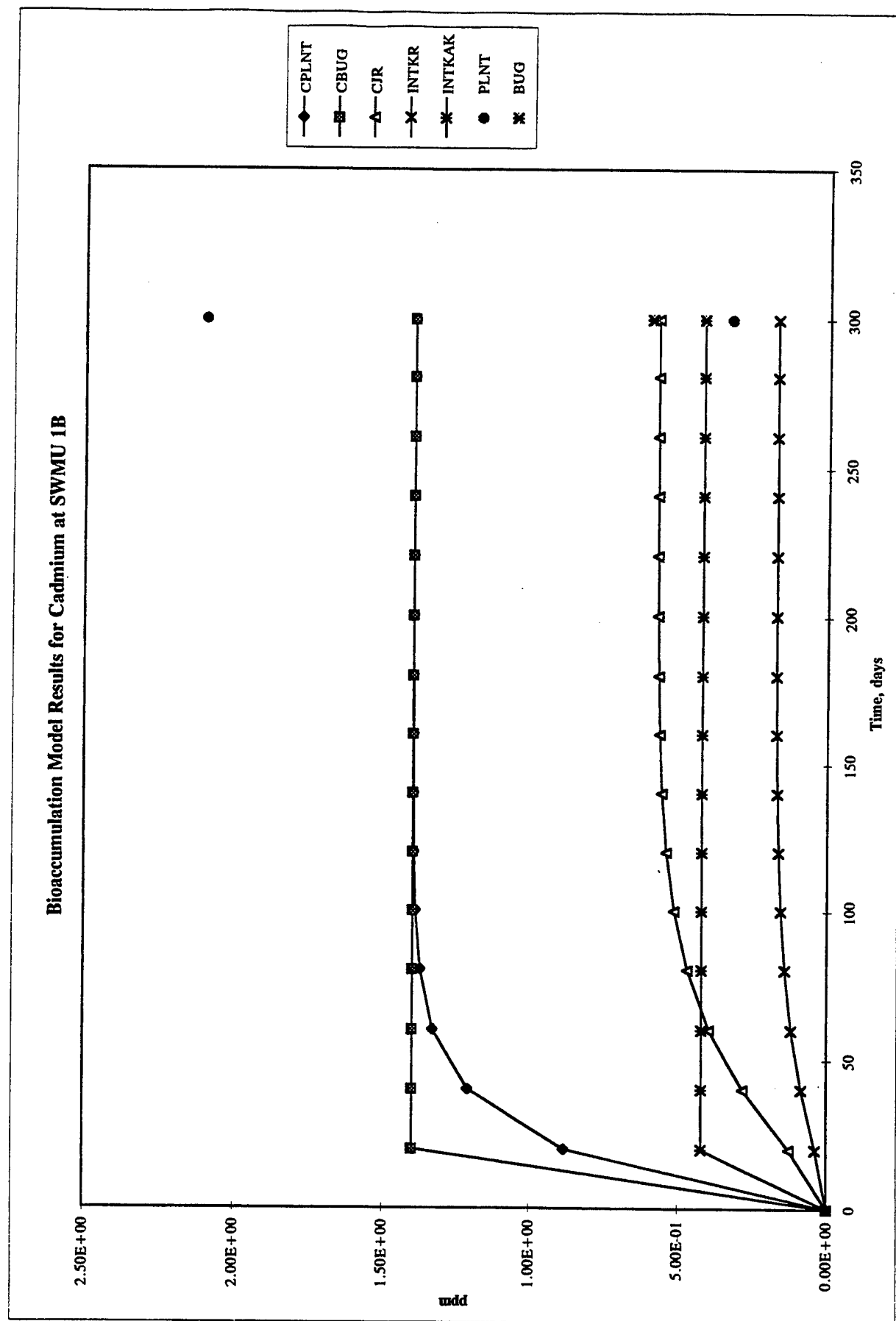
^cT_{1/2}=environmental half-life

^dNA= not applicable

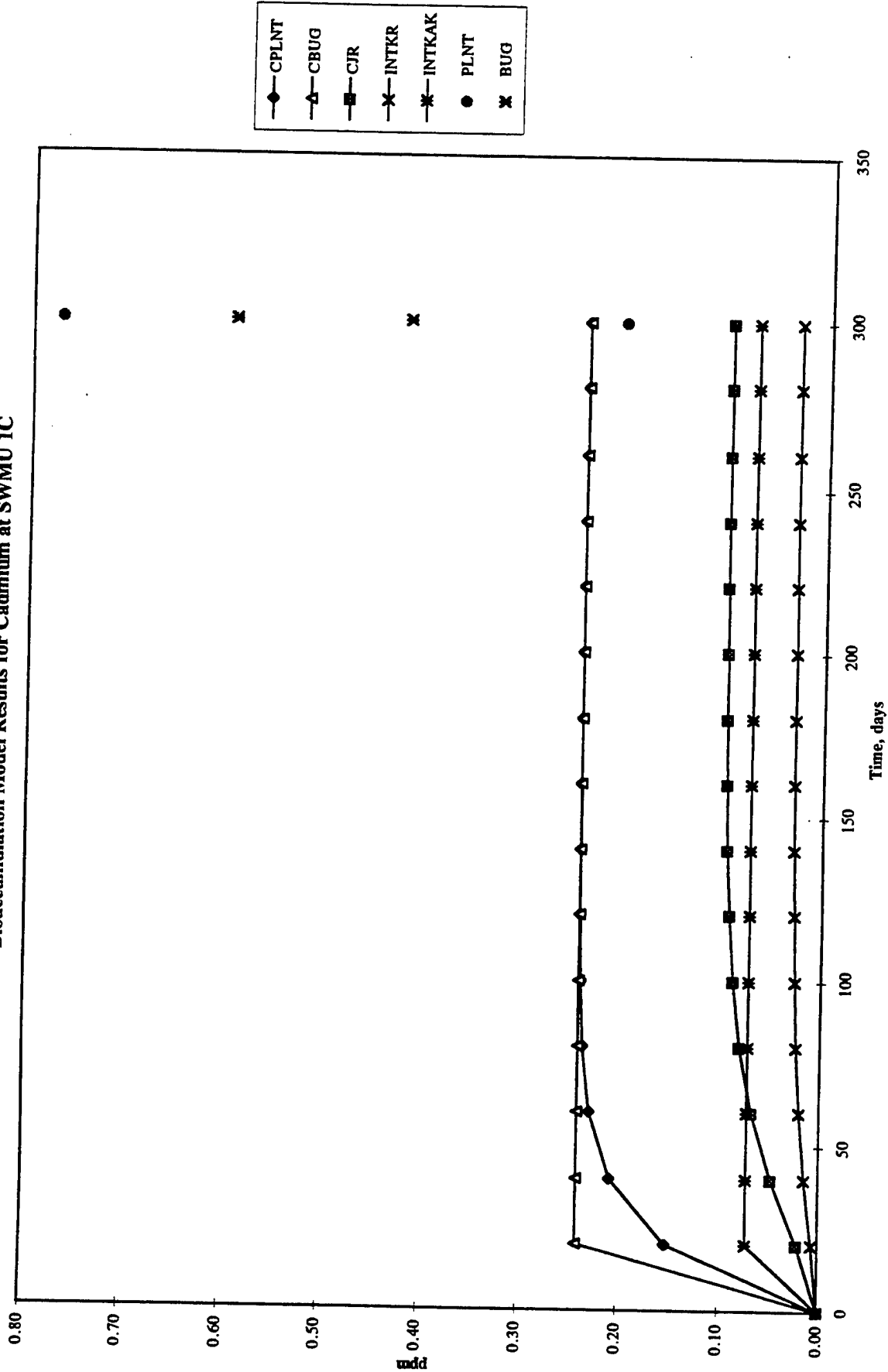
^ea=assume 0.00001

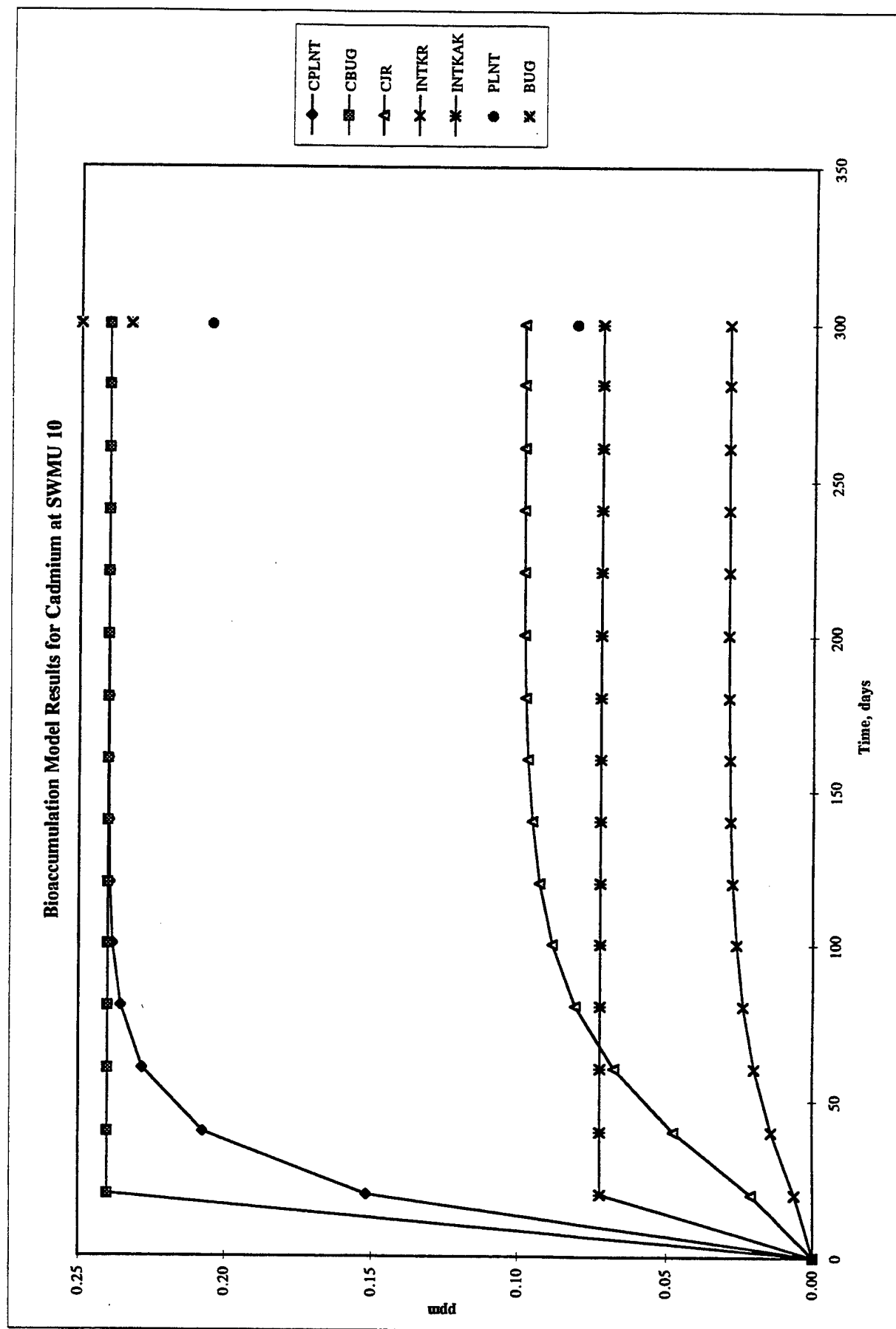
MODEL RESULTS

Bioaccumulation Model Results for Cadmium at SWMU 1B

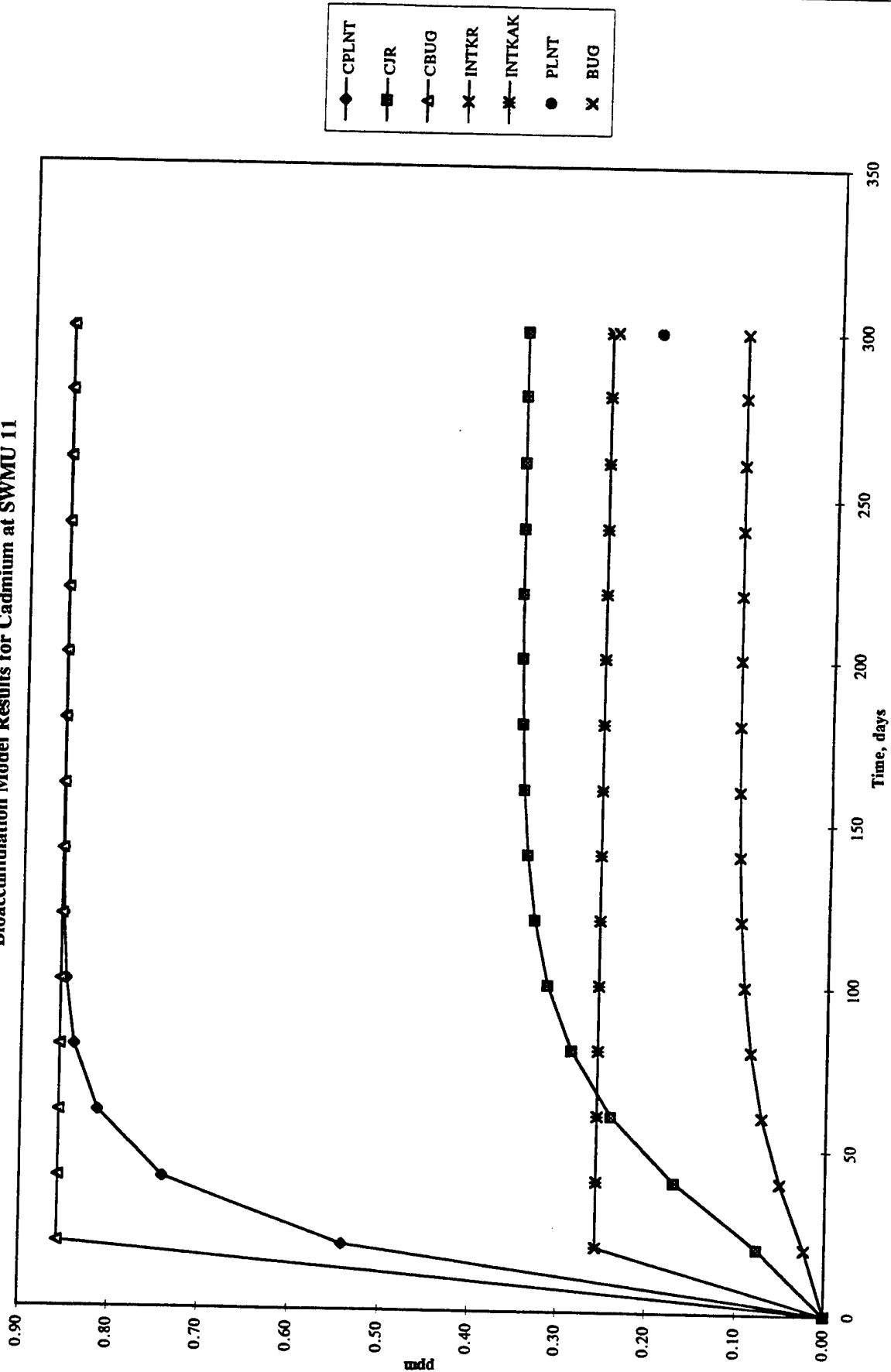


Bioaccumulation Model Results for Cadmium at SWMU 1C

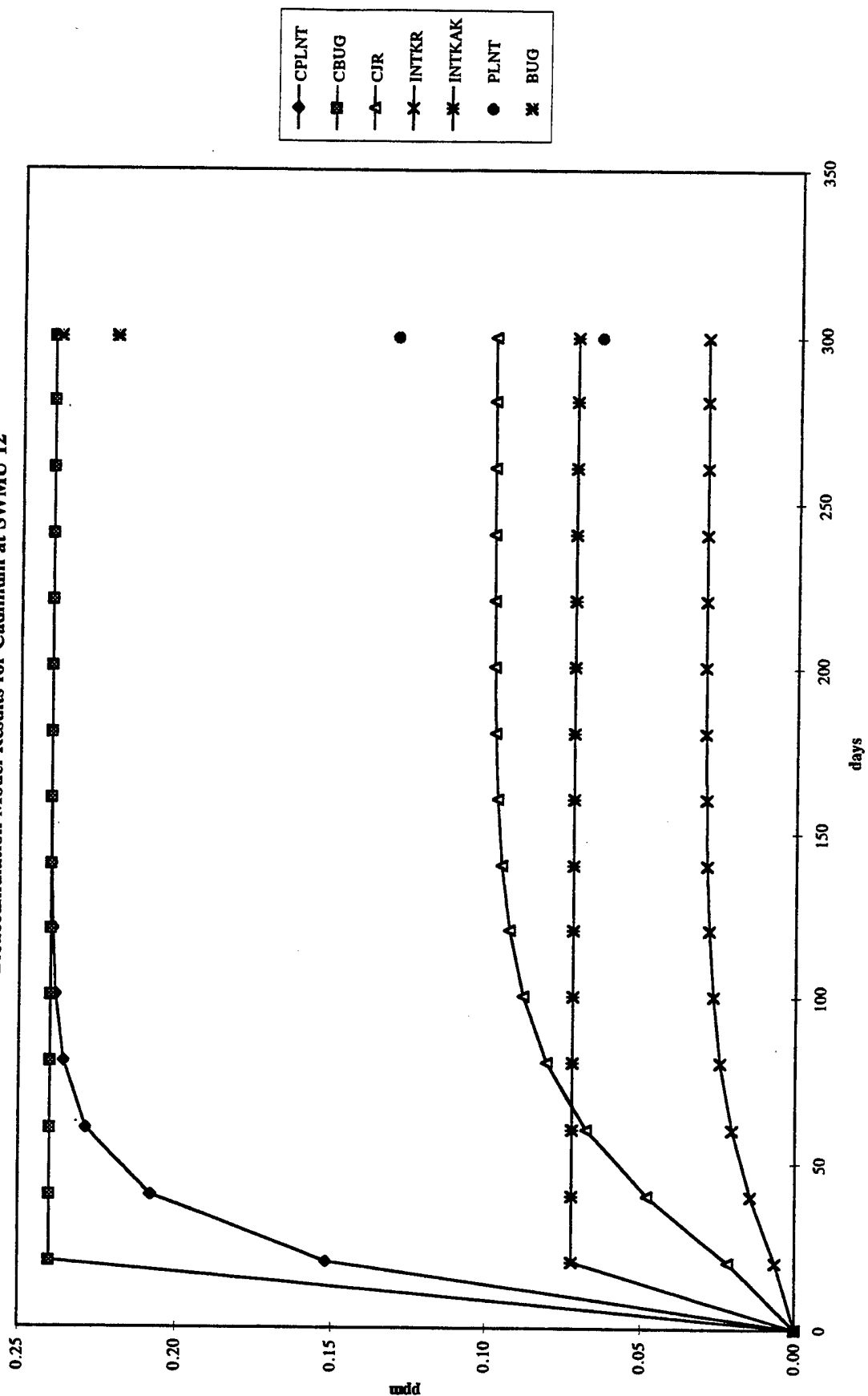




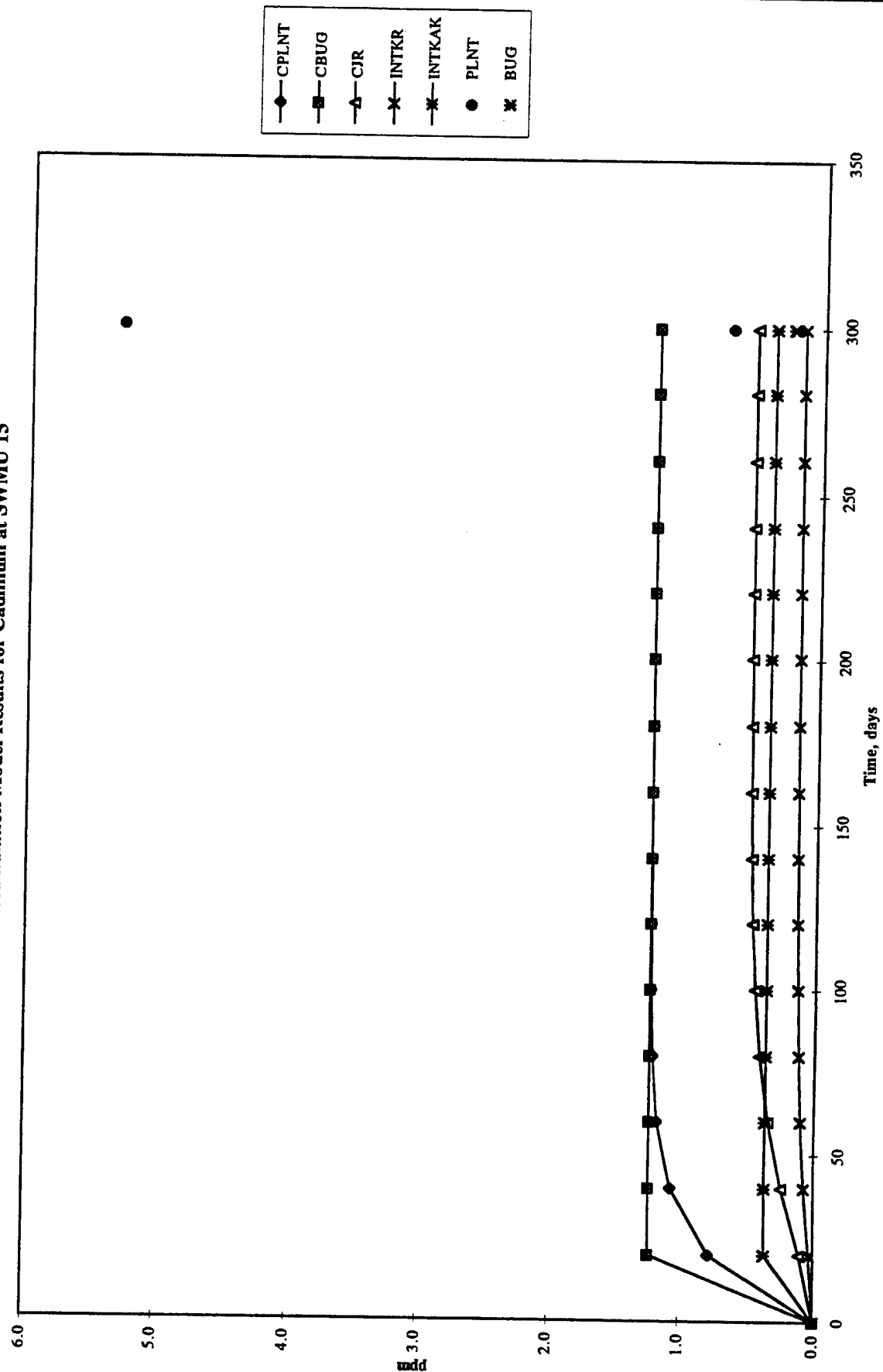
Bioaccumulation Model Results for Cadmium at SWMU 11



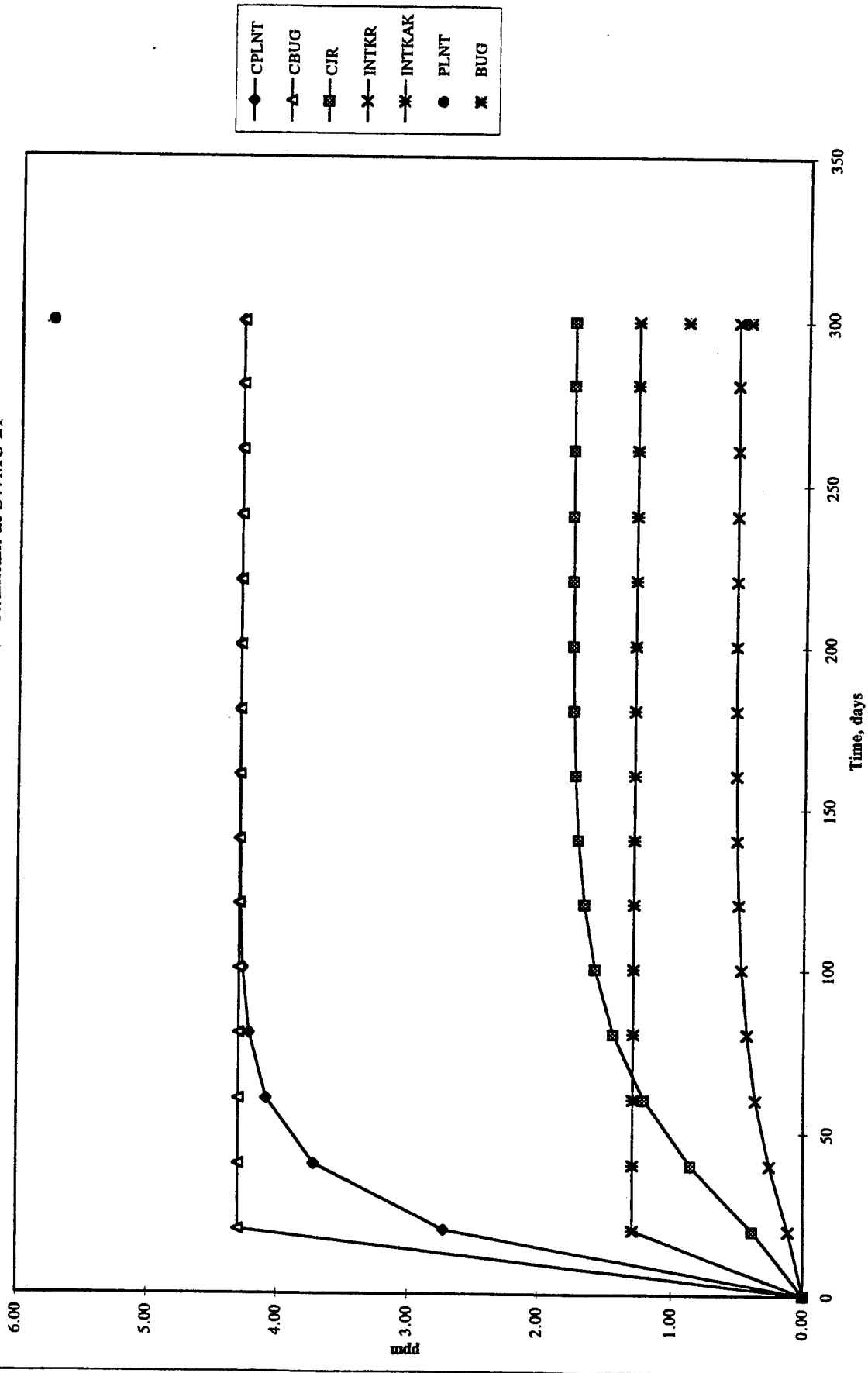
Bioaccumulation Model Results for Cadmium at SWMU 12



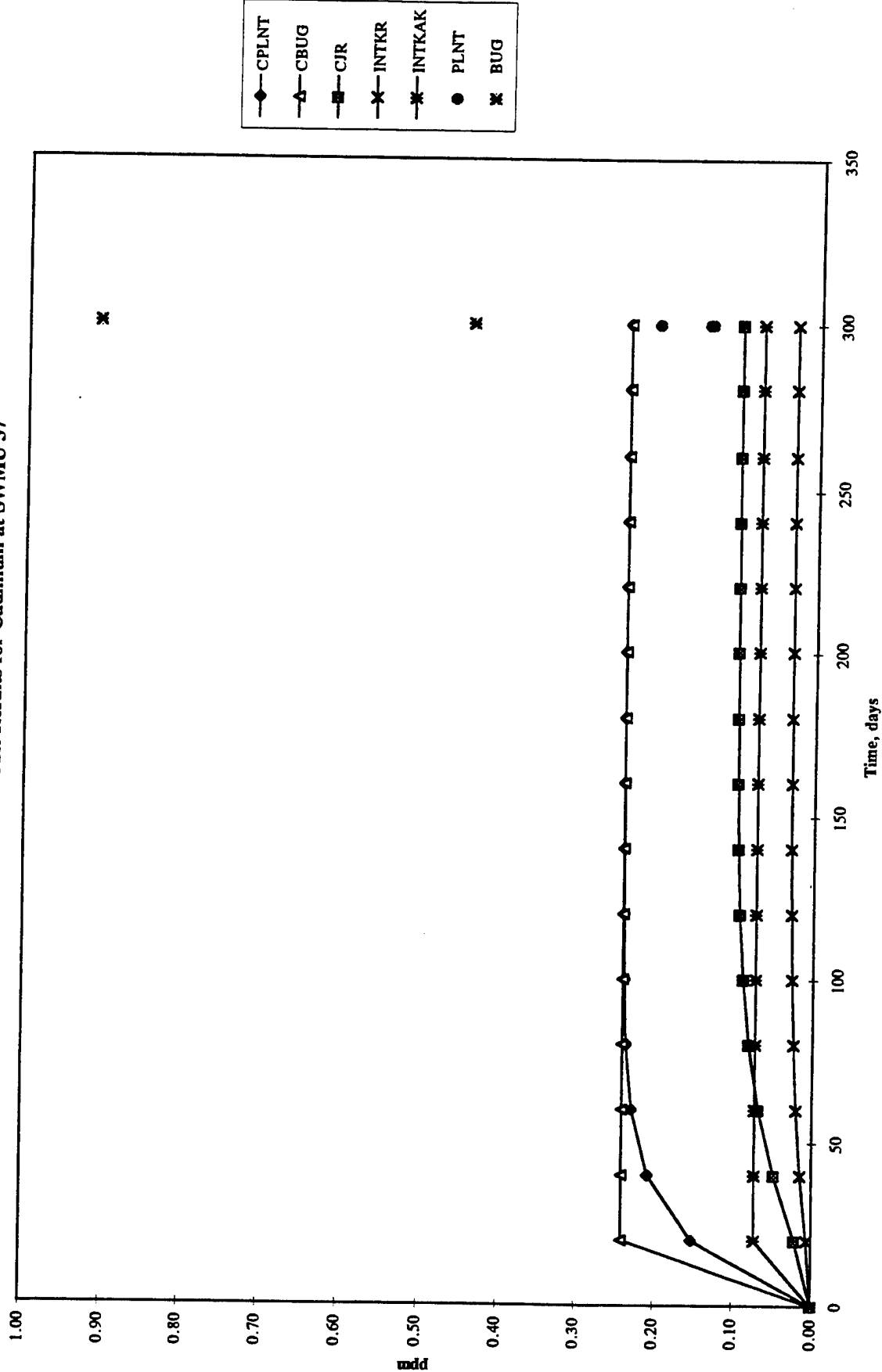
Bioaccumulation Model Results for Cadmium at SWMU 15



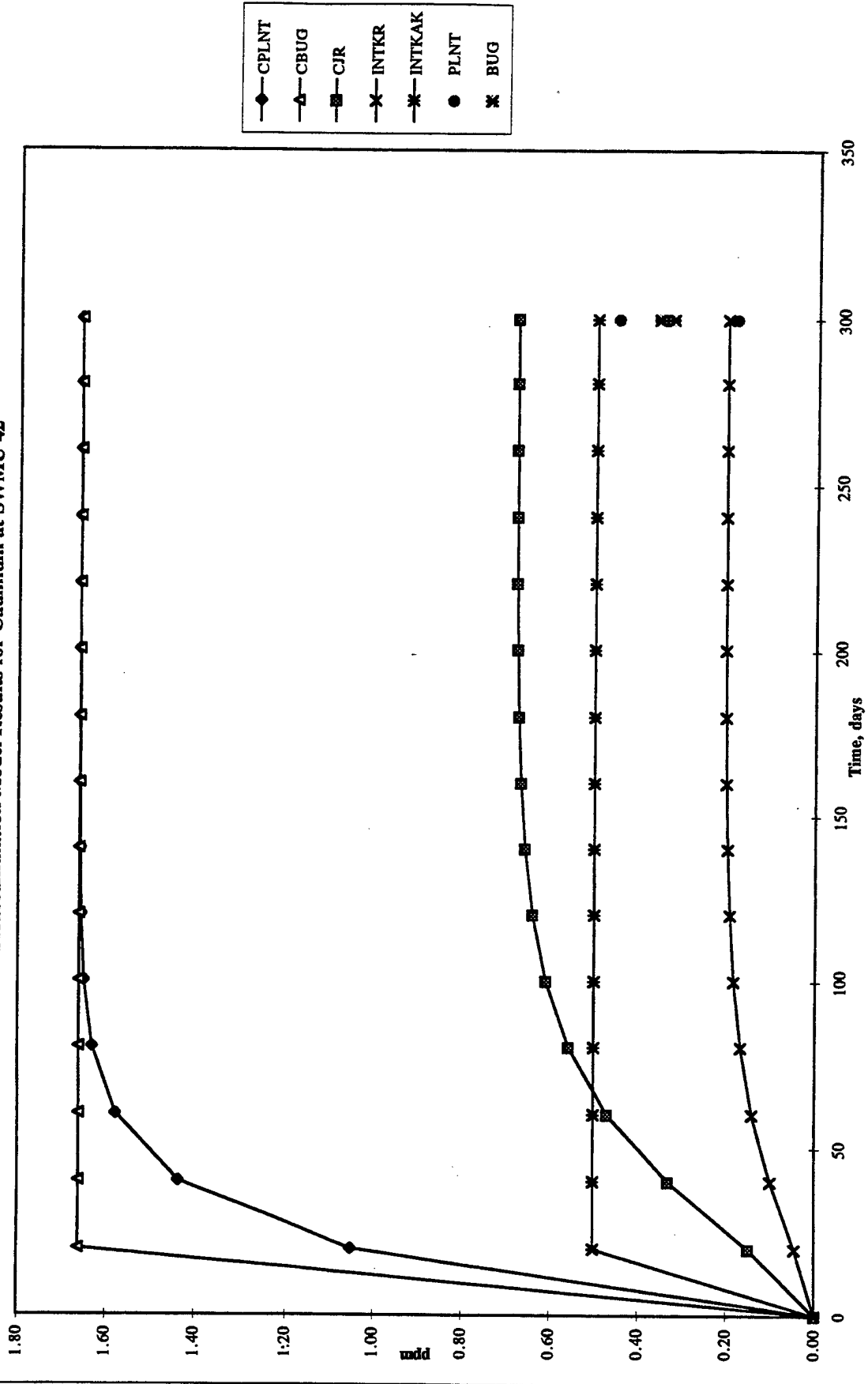
Bioaccumulation Model Results for Cadmium at SWMU 21



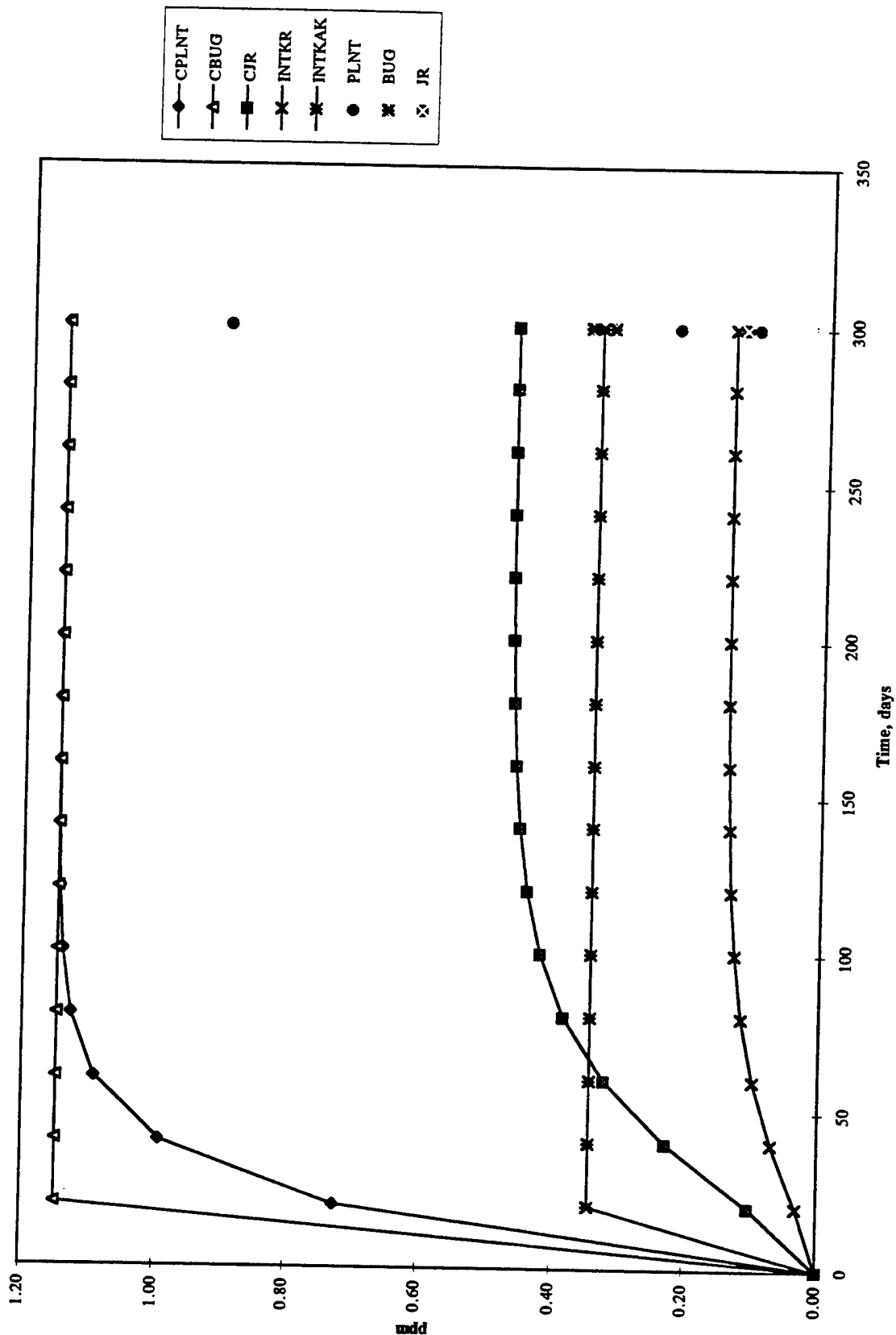
Bioaccumulation Model Results for Cadmium at SWMU 37



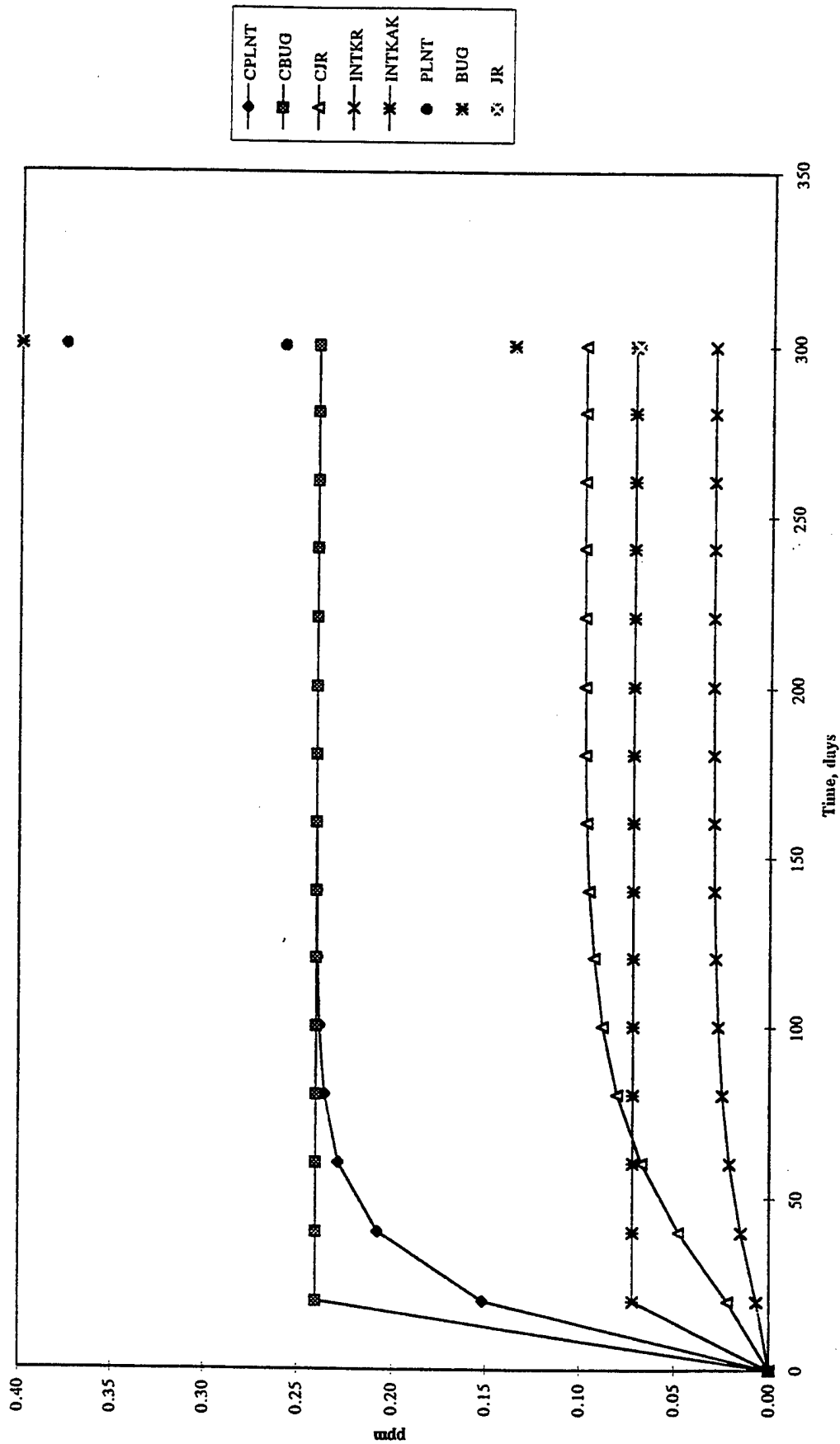
Bioaccumulation Model Results for Cadmium at SWMU 42



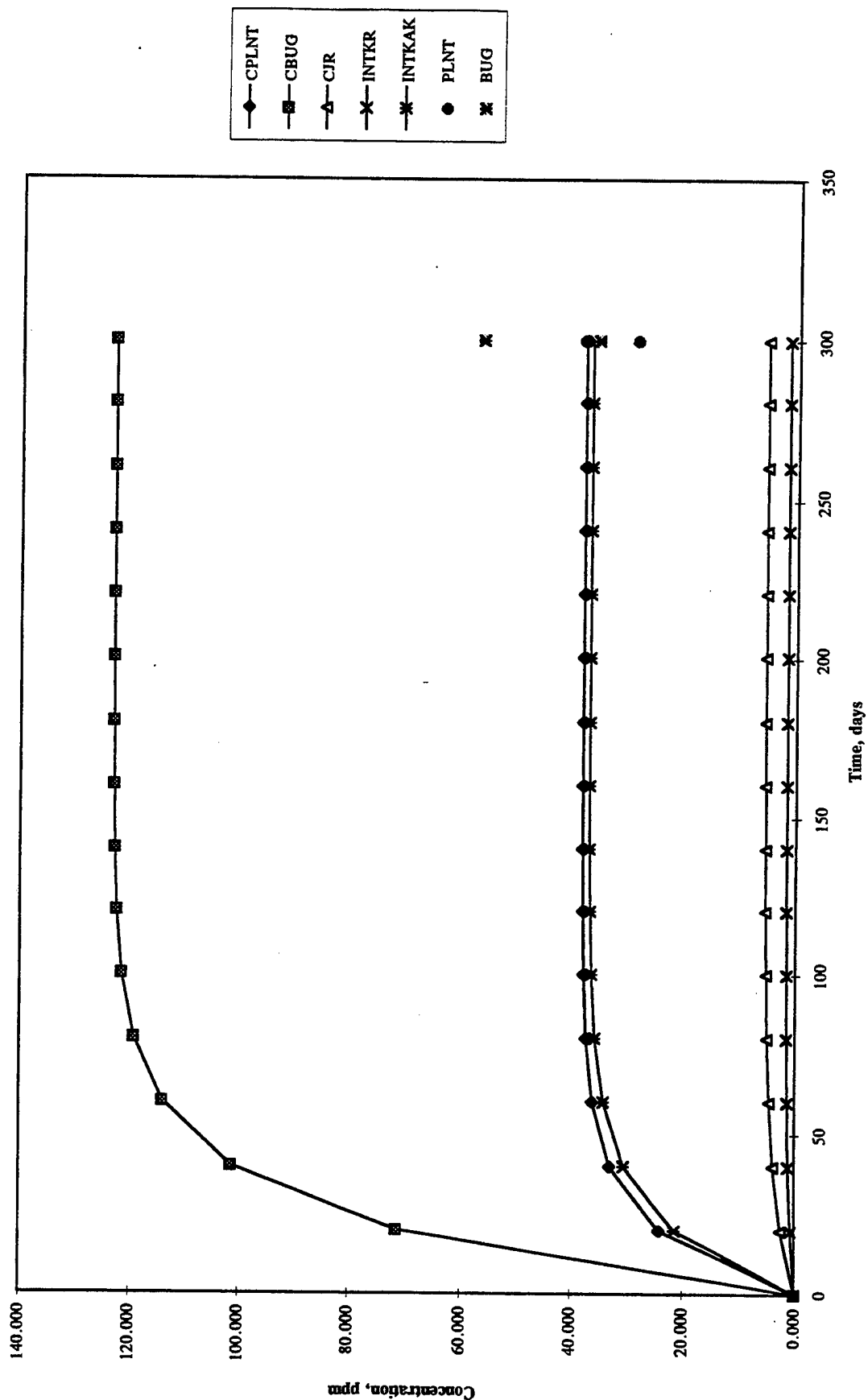
Bioaccumulation Model Results for Cadmium at SWMU 45



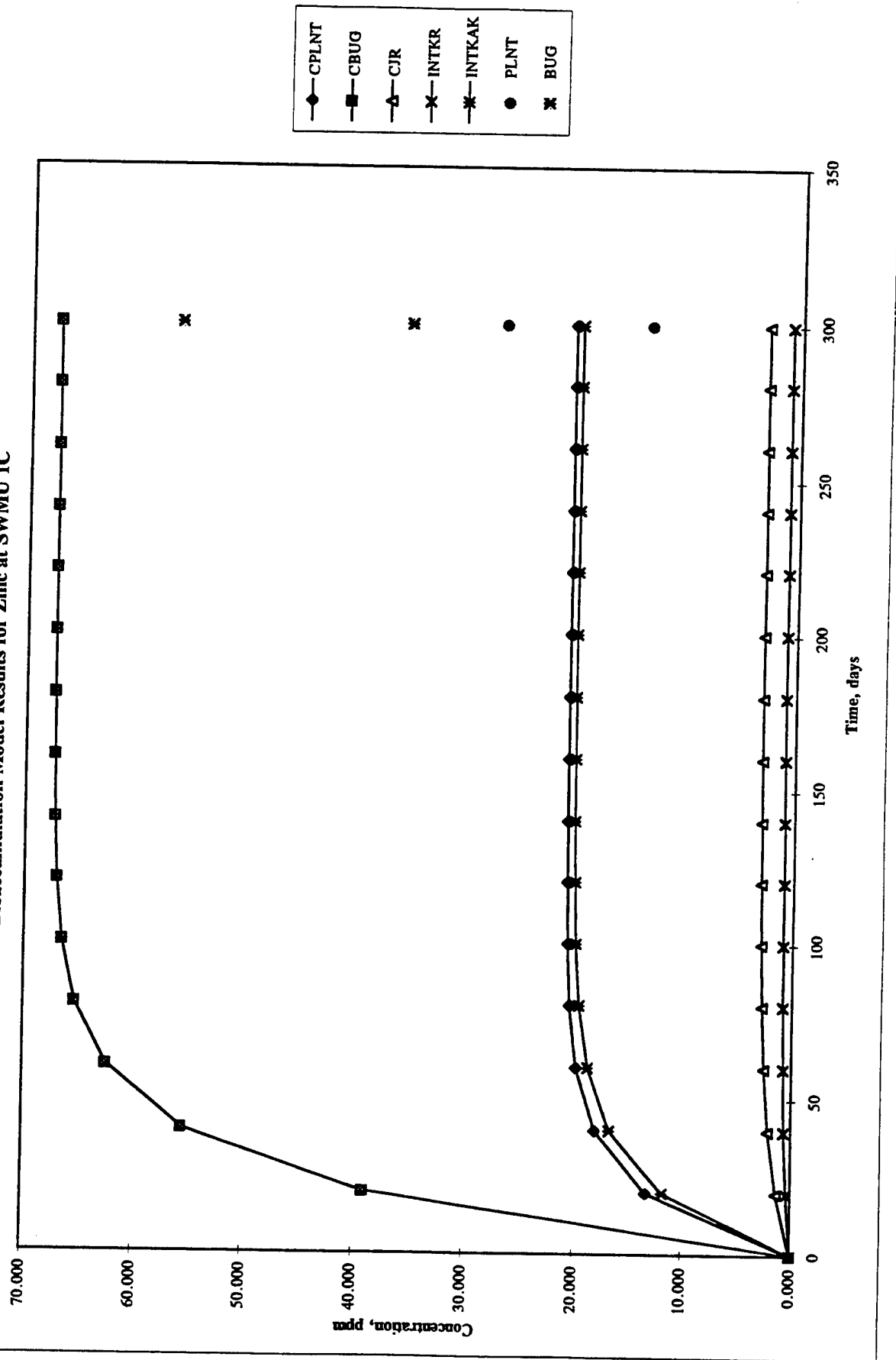
Bioaccumulation Model Results for Cadmium at the RSA



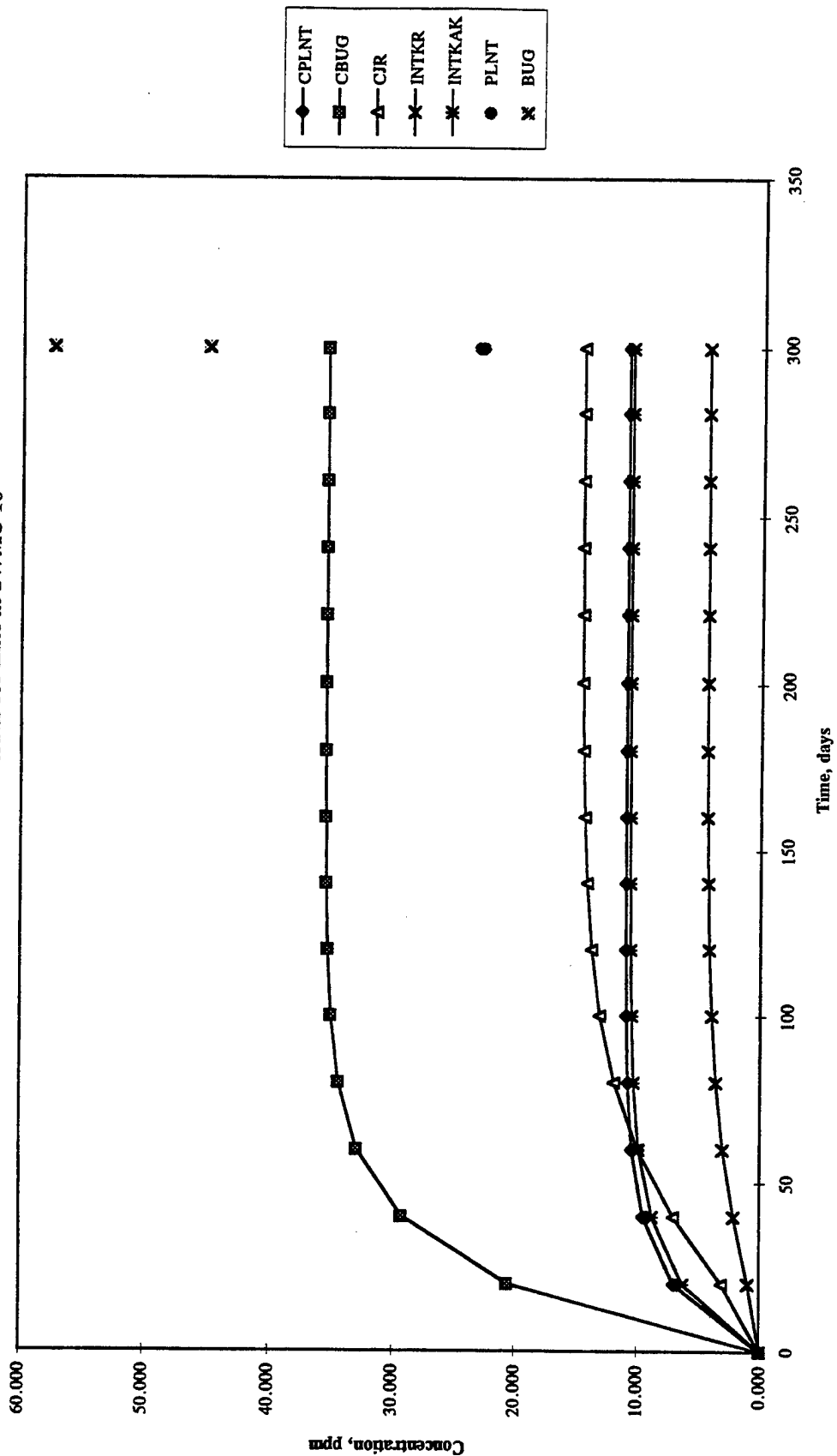
Bioaccumulation Model Results for Zinc at SWMU 1B



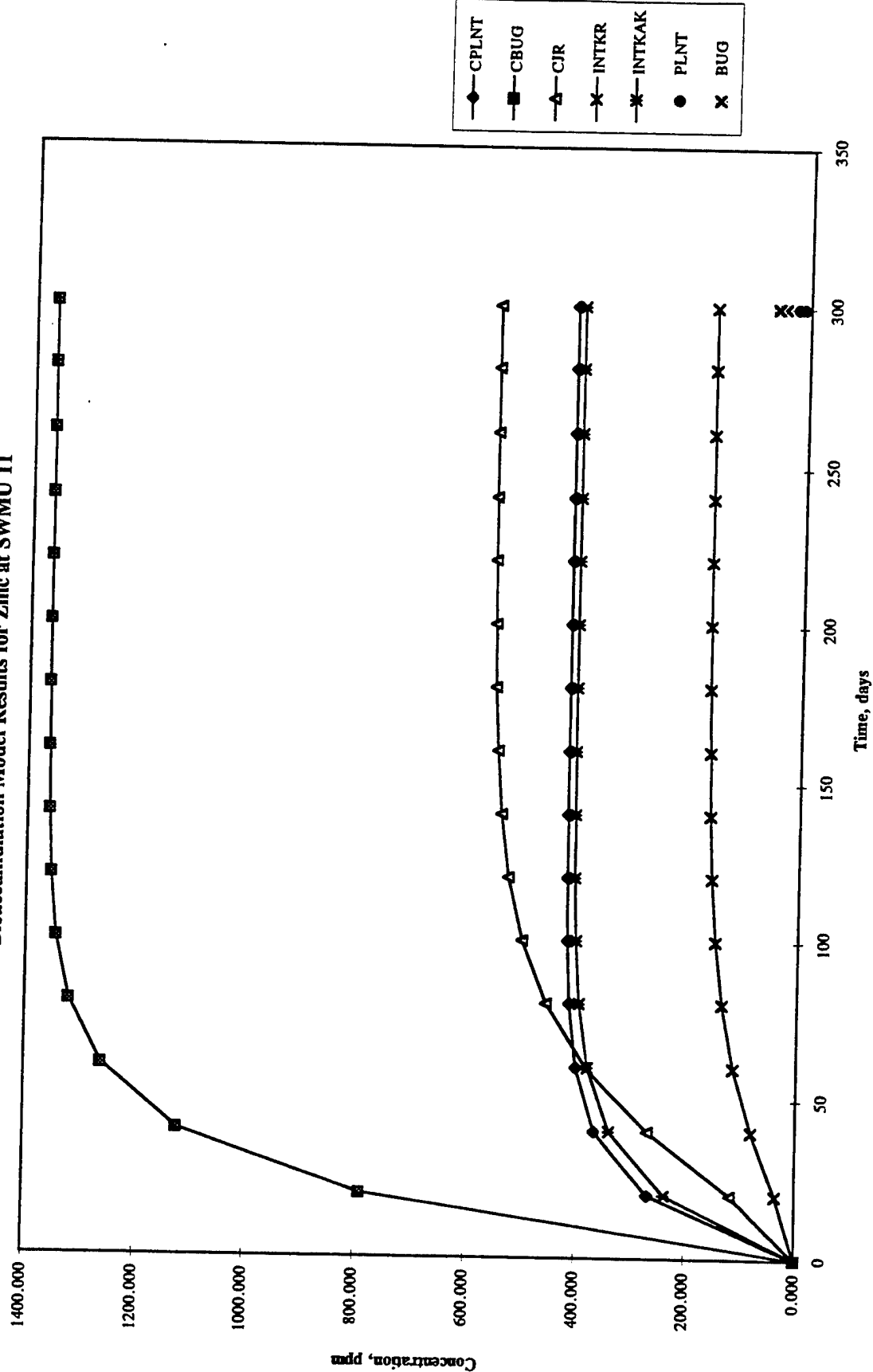
Bioaccumulation Model Results for Zinc at SWMU 1C



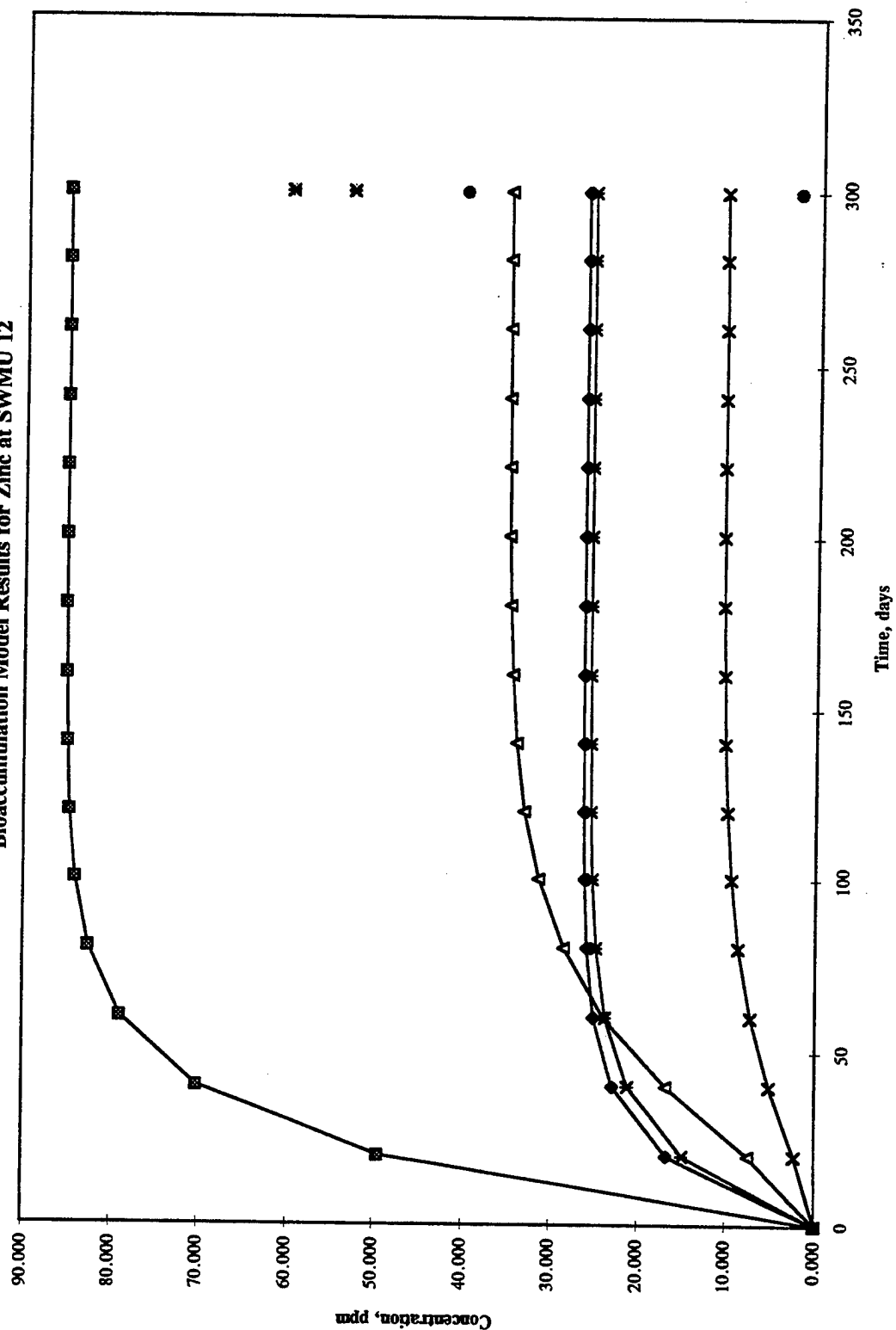
Bioaccumulation Model Results for Zinc at SWMU 10



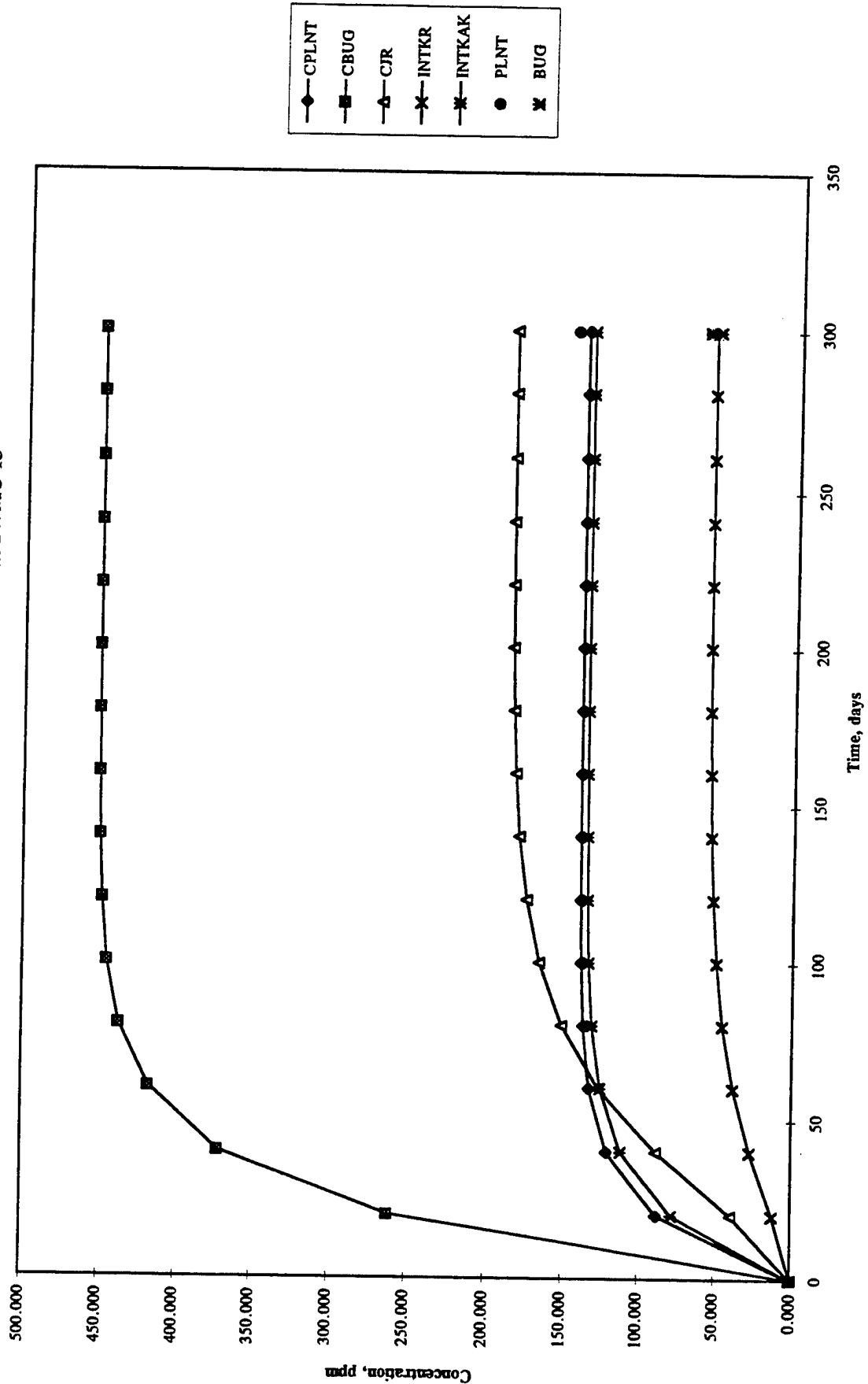
Bioaccumulation Model Results for Zinc at SWMU 11



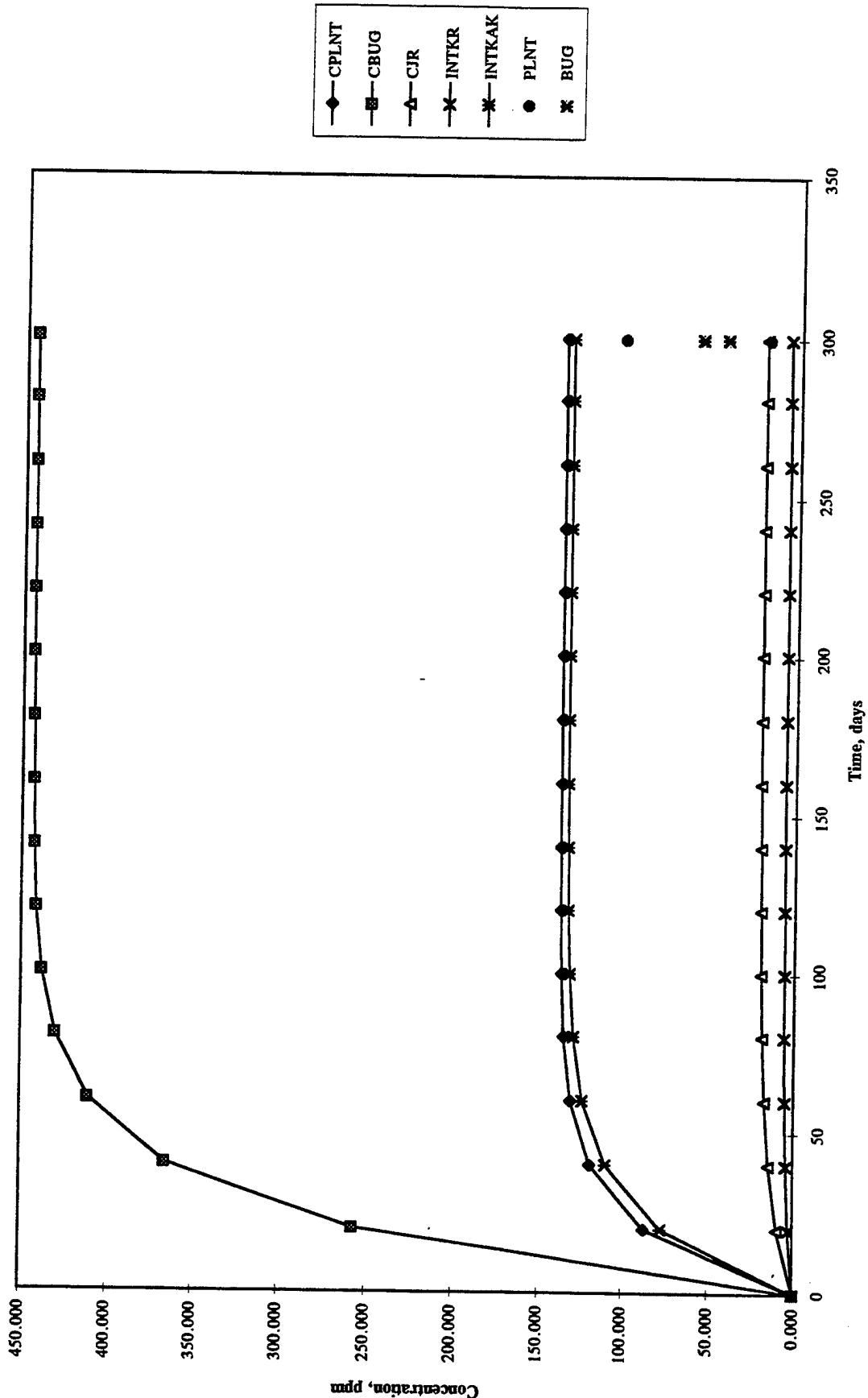
Bioaccumulation Model Results for Zinc at SWMU 12



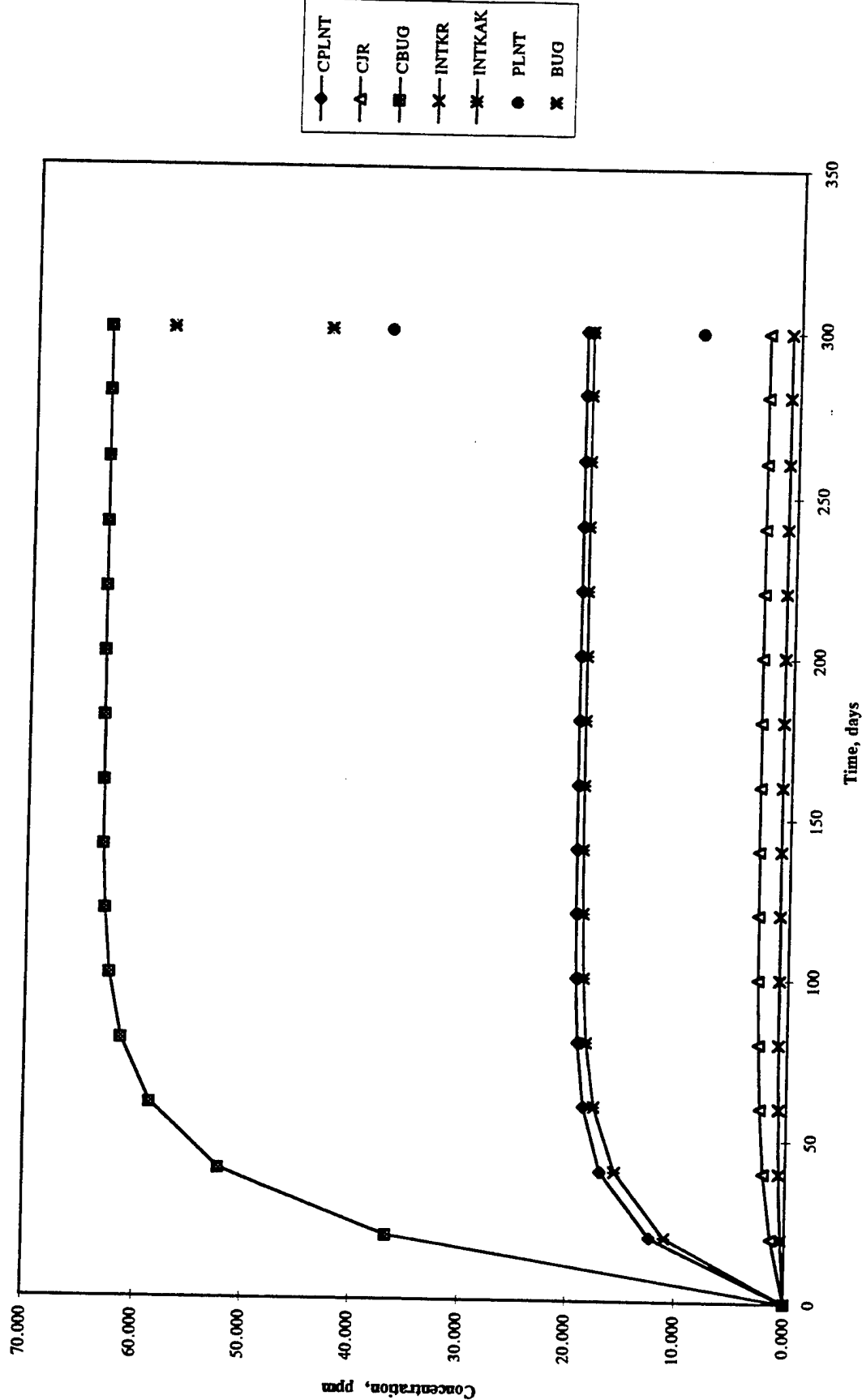
Bioaccumulation Model Results for Zinc at SWMU 15



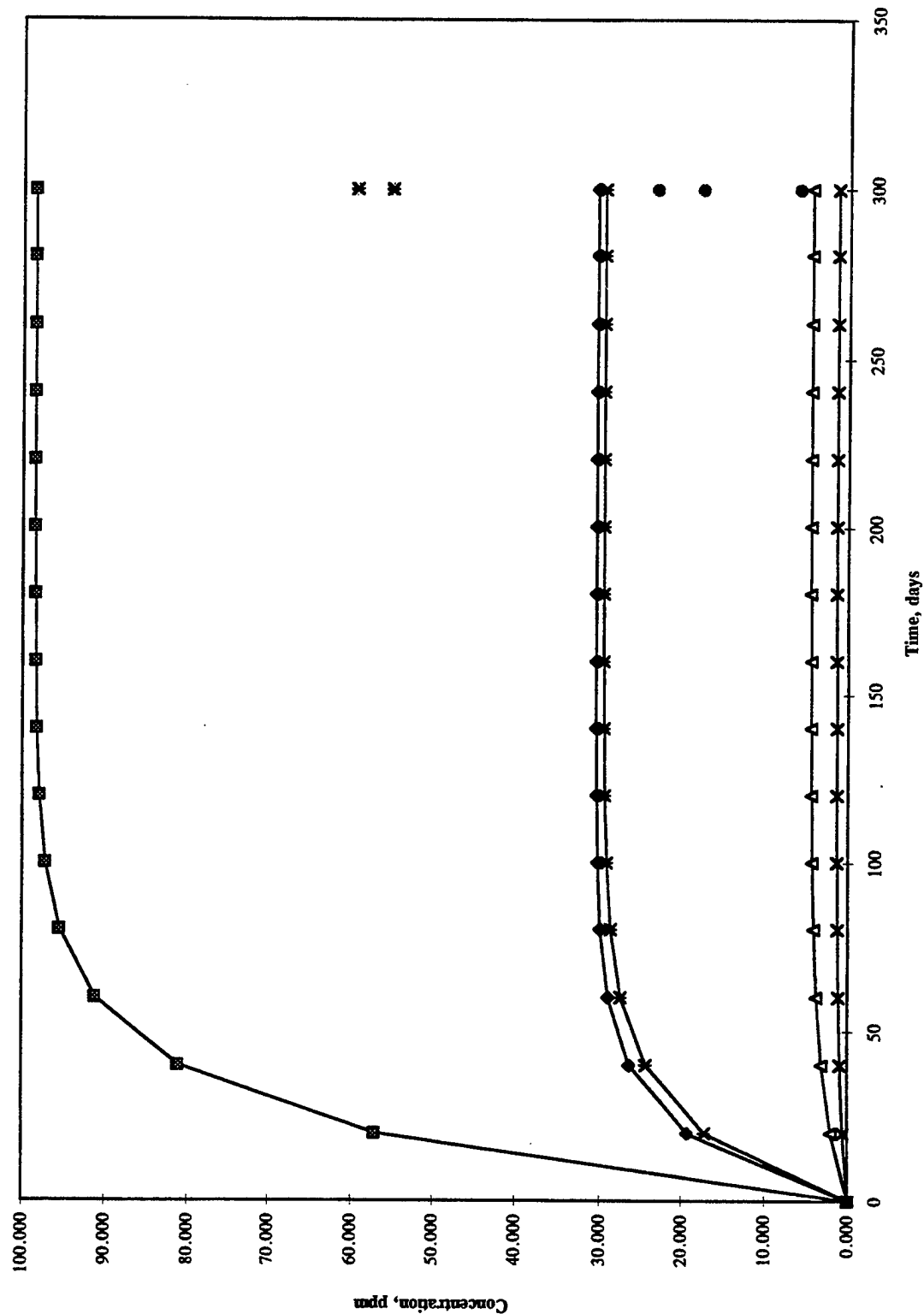
Bioaccumulation Model Results for Zinc at SWMU 21



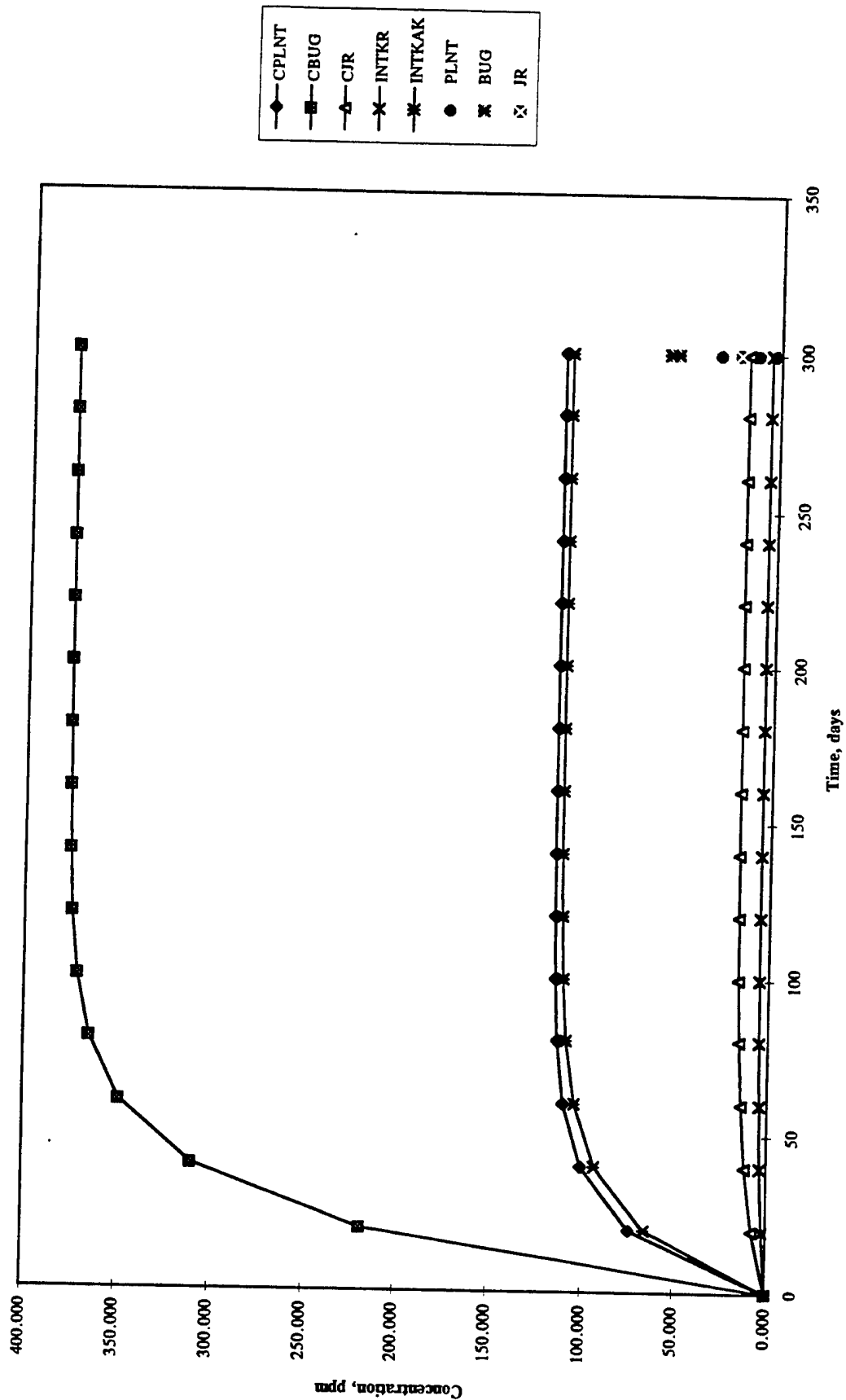
Bioaccumulation Model Results for Zinc at SWMU 37



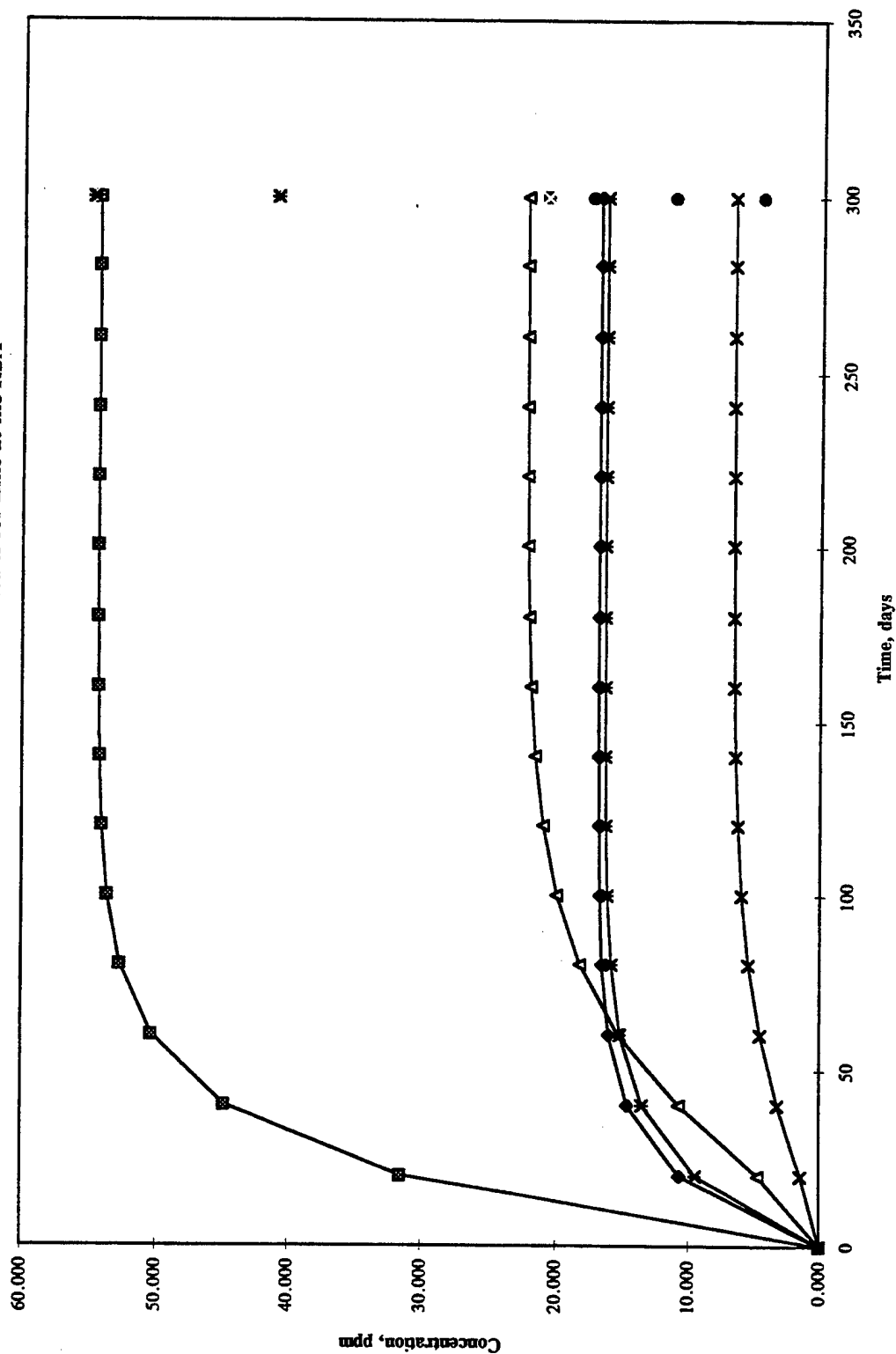
Bioaccumulation Model Results for Zinc at SWMU 42



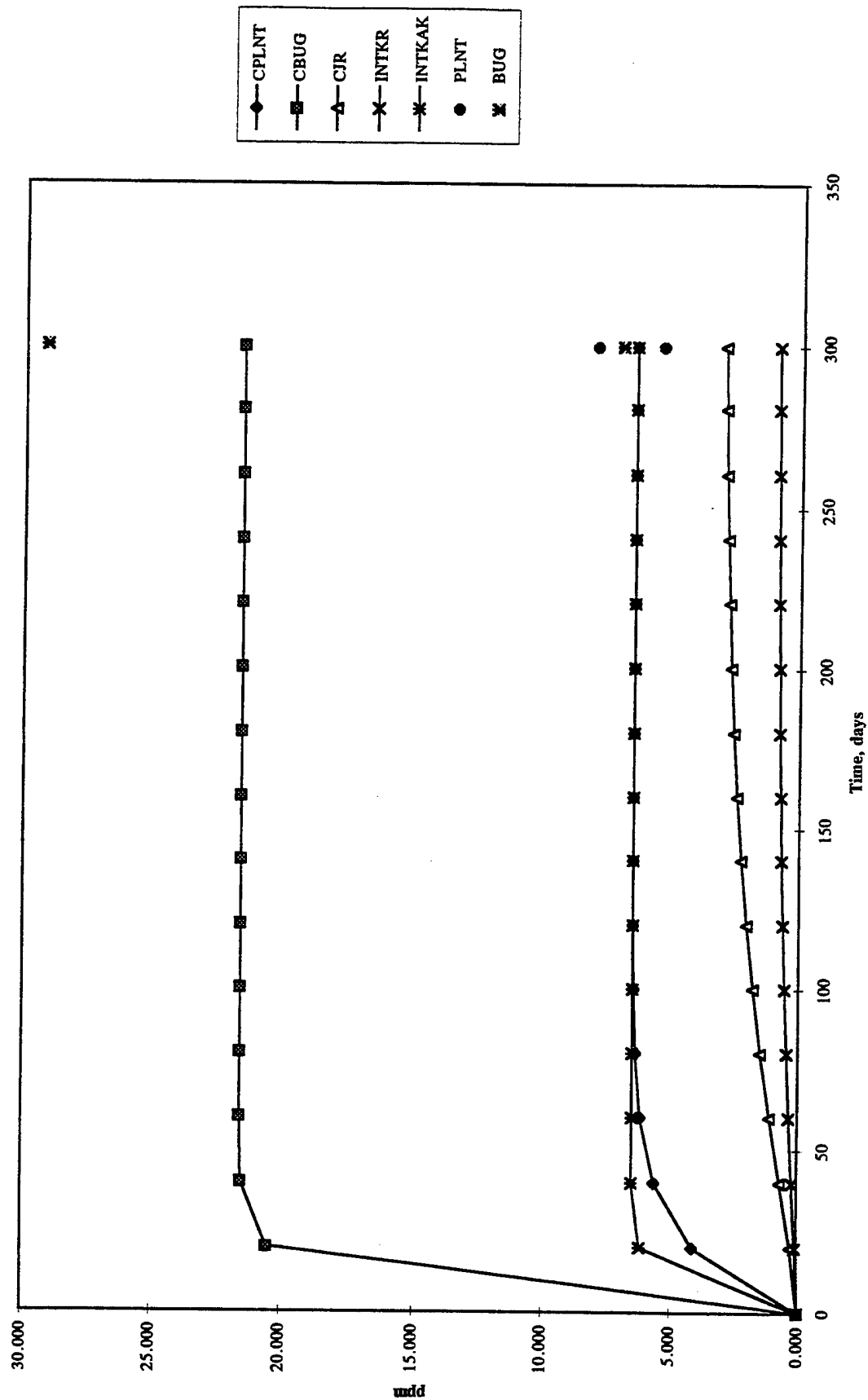
Bioaccumulation Model Results for Zinc at SWMU 45



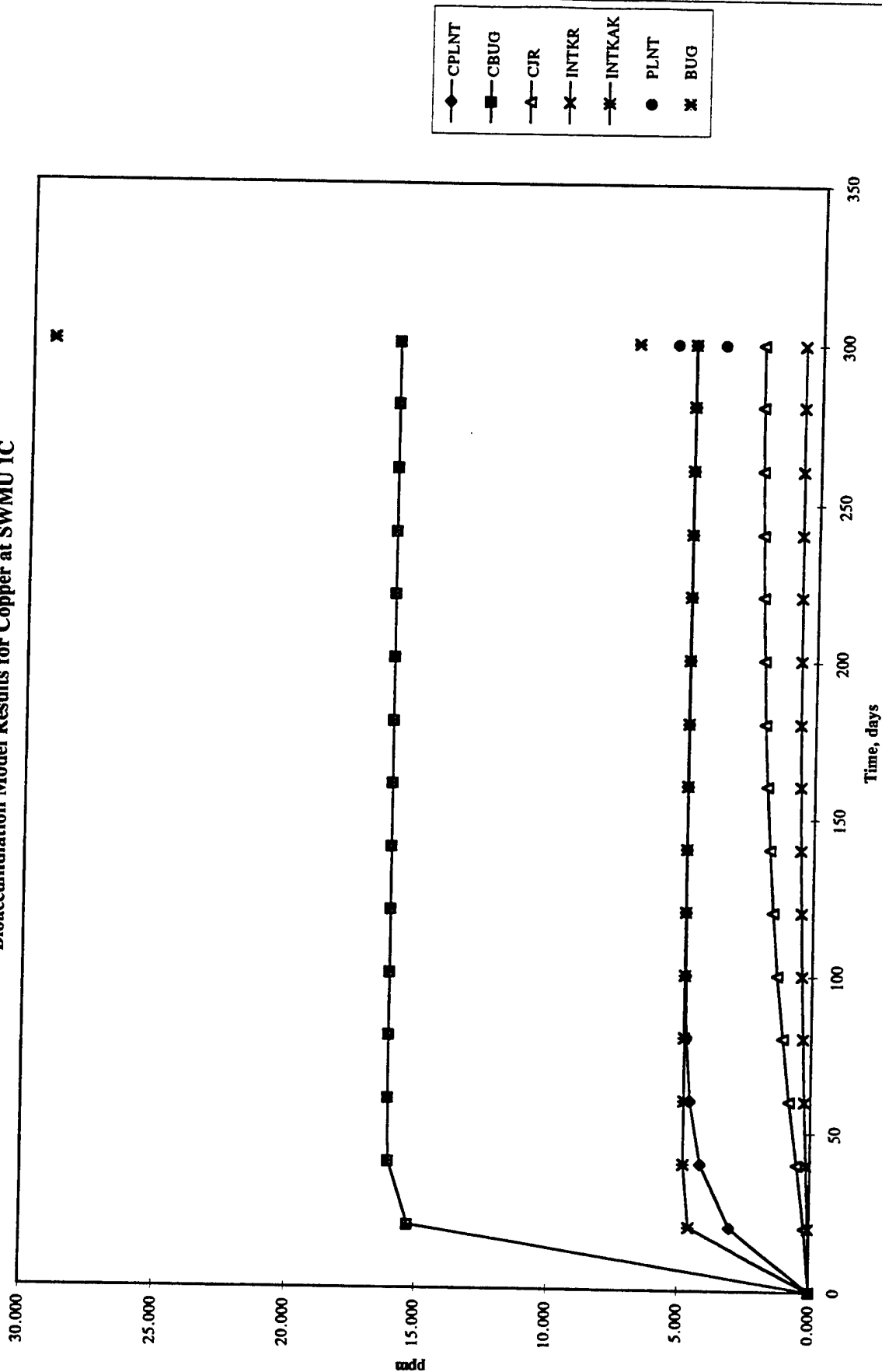
Bioaccumulation Model Results for Zinc at the RSA



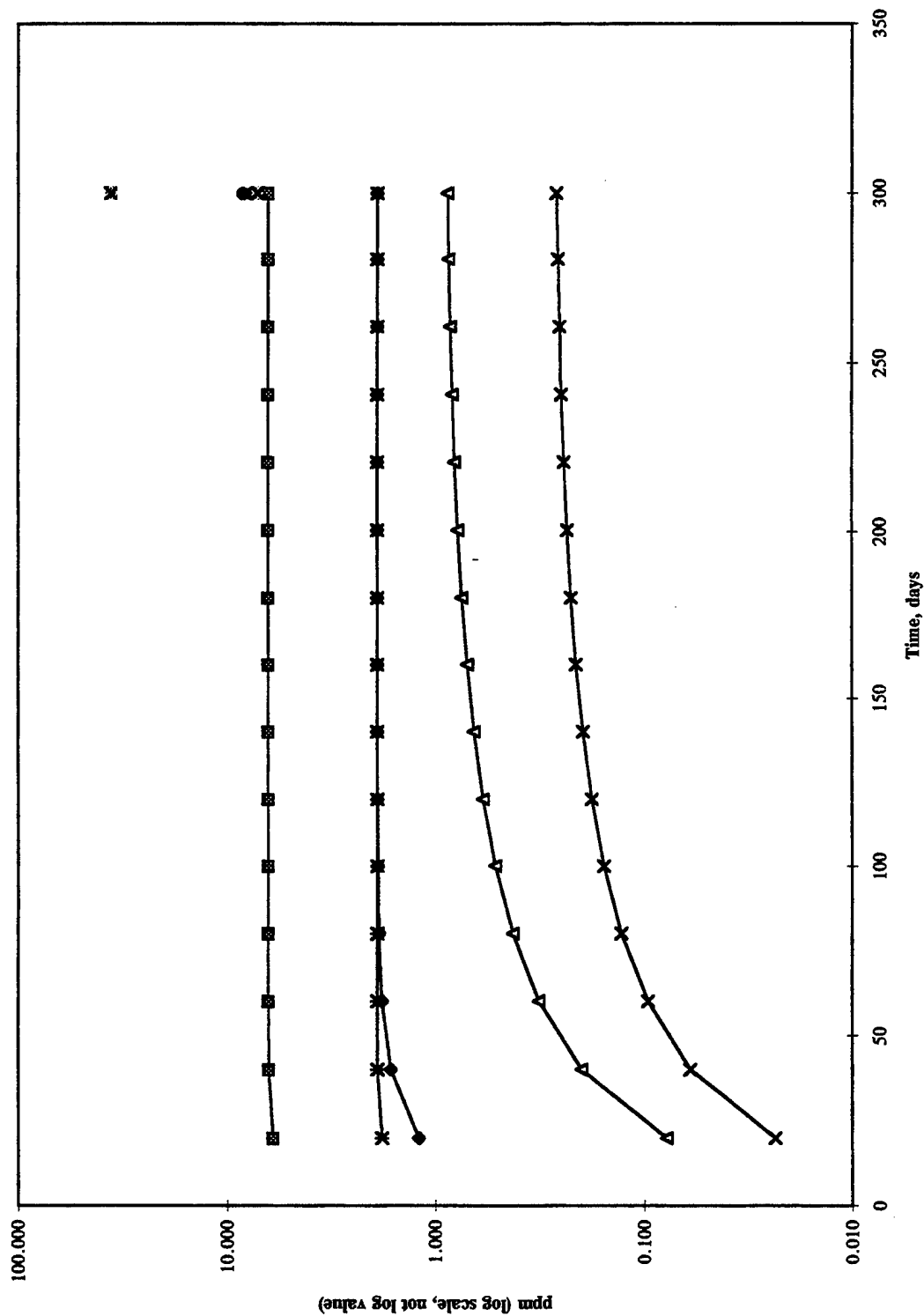
Bioaccumulation Model Results for Copper at SWMU 1B



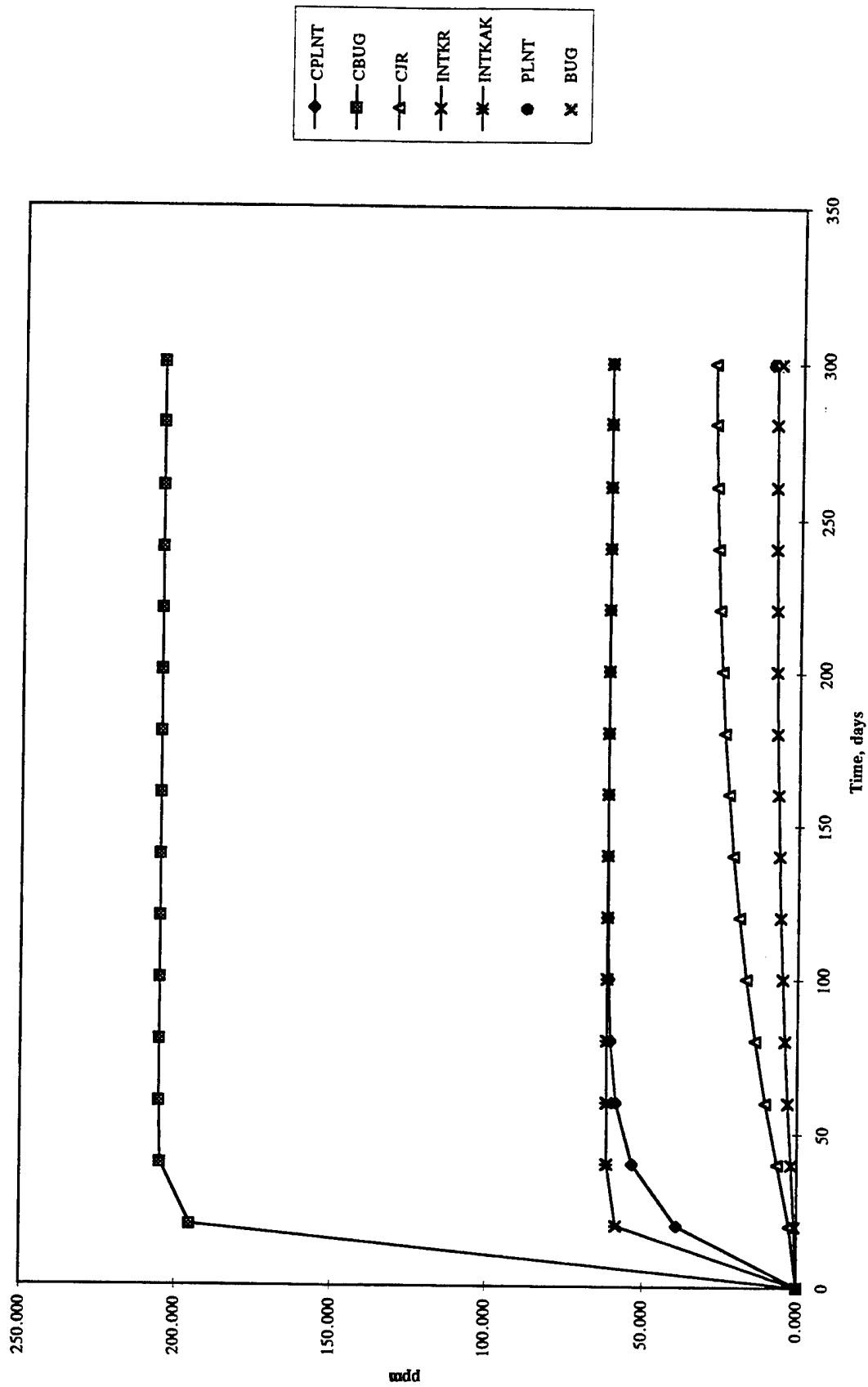
Bioaccumulation Model Results for Copper at SWMU 1C



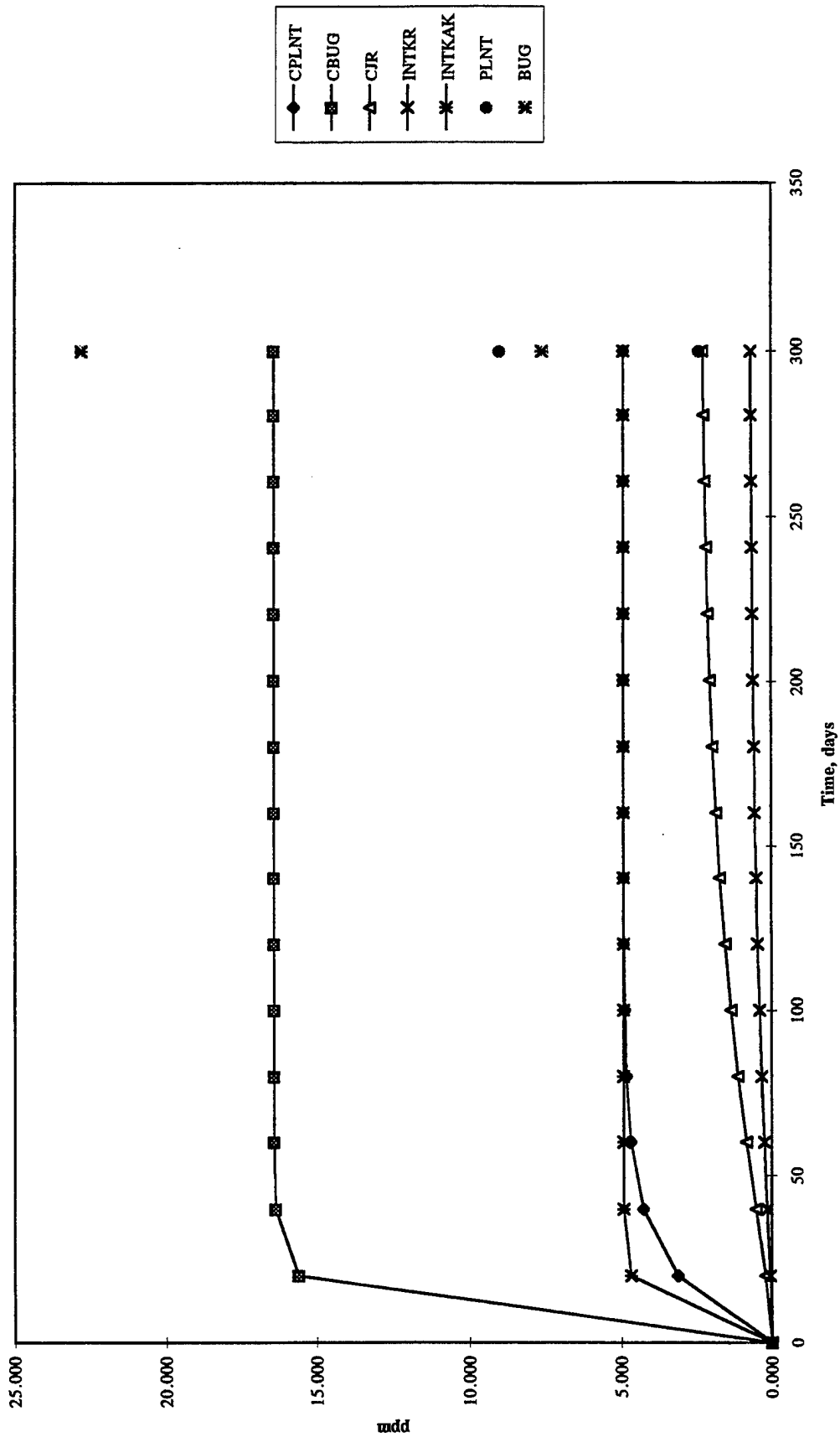
Bioaccumulation Model Results for Copper at SWMU 10



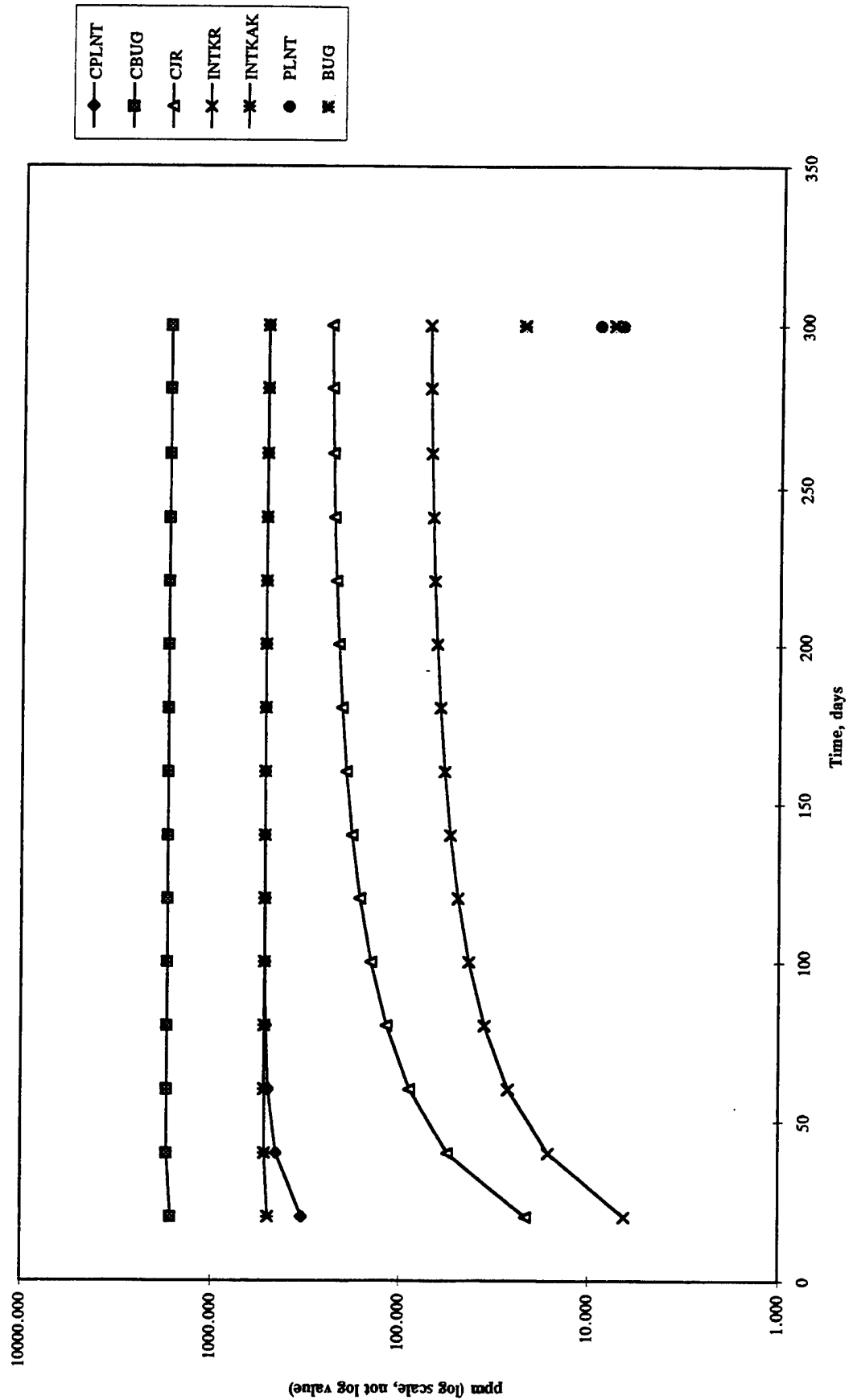
Bioaccumulation Model Results for Copper at SWMU 11



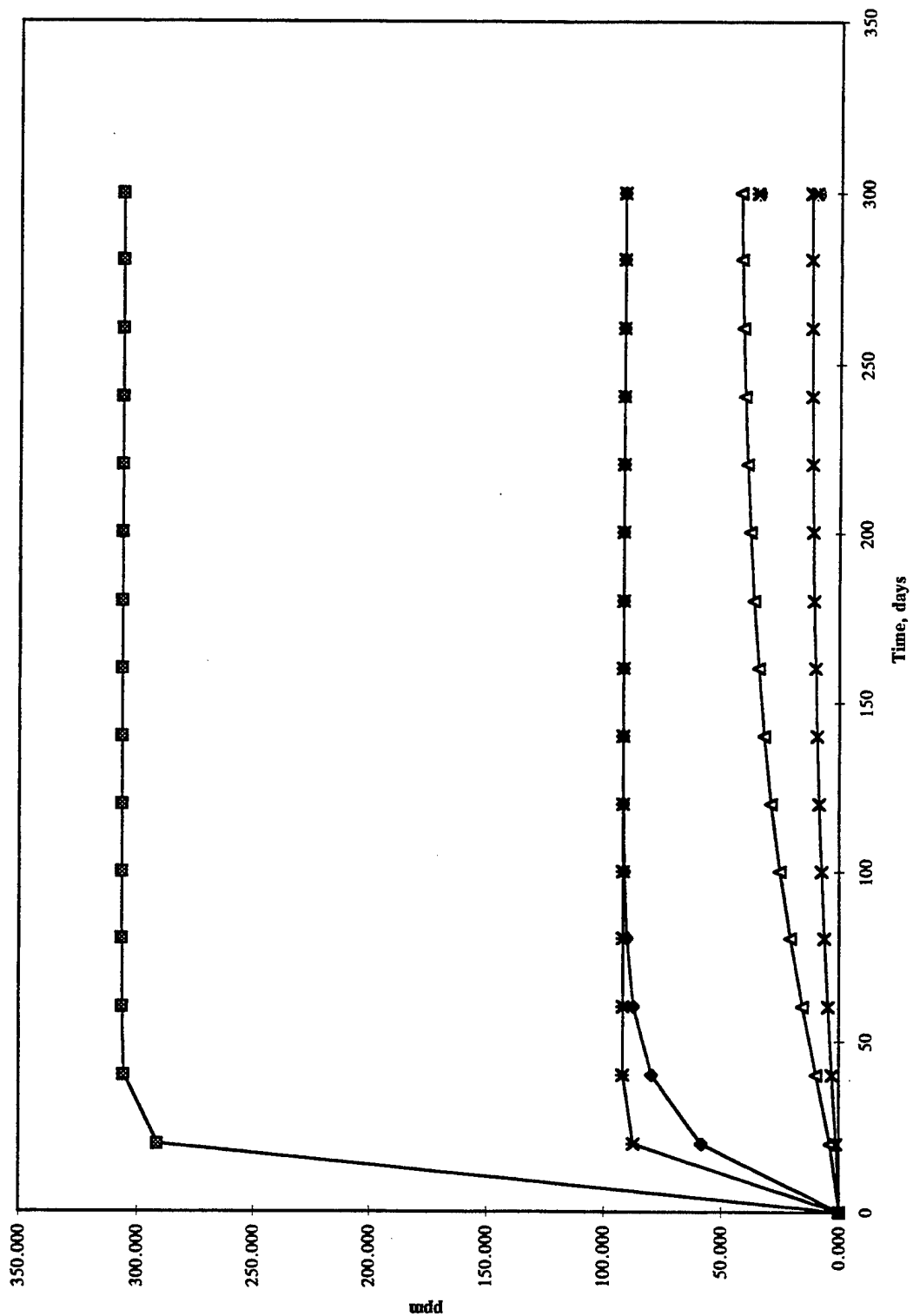
Bioaccumulation Model Results for Copper at SWMU 12



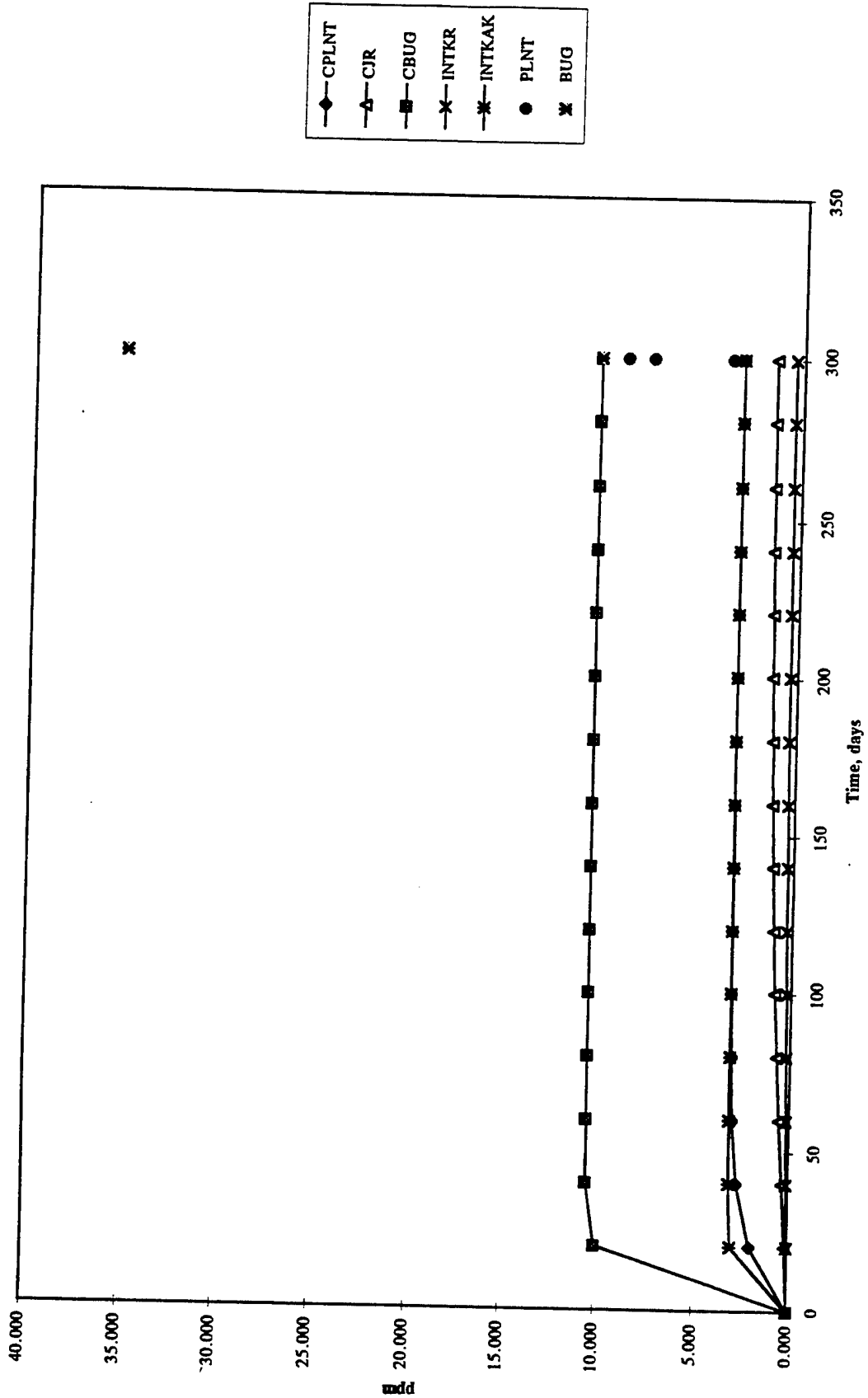
Bioaccumulation Model Results for Copper at SWMU 15



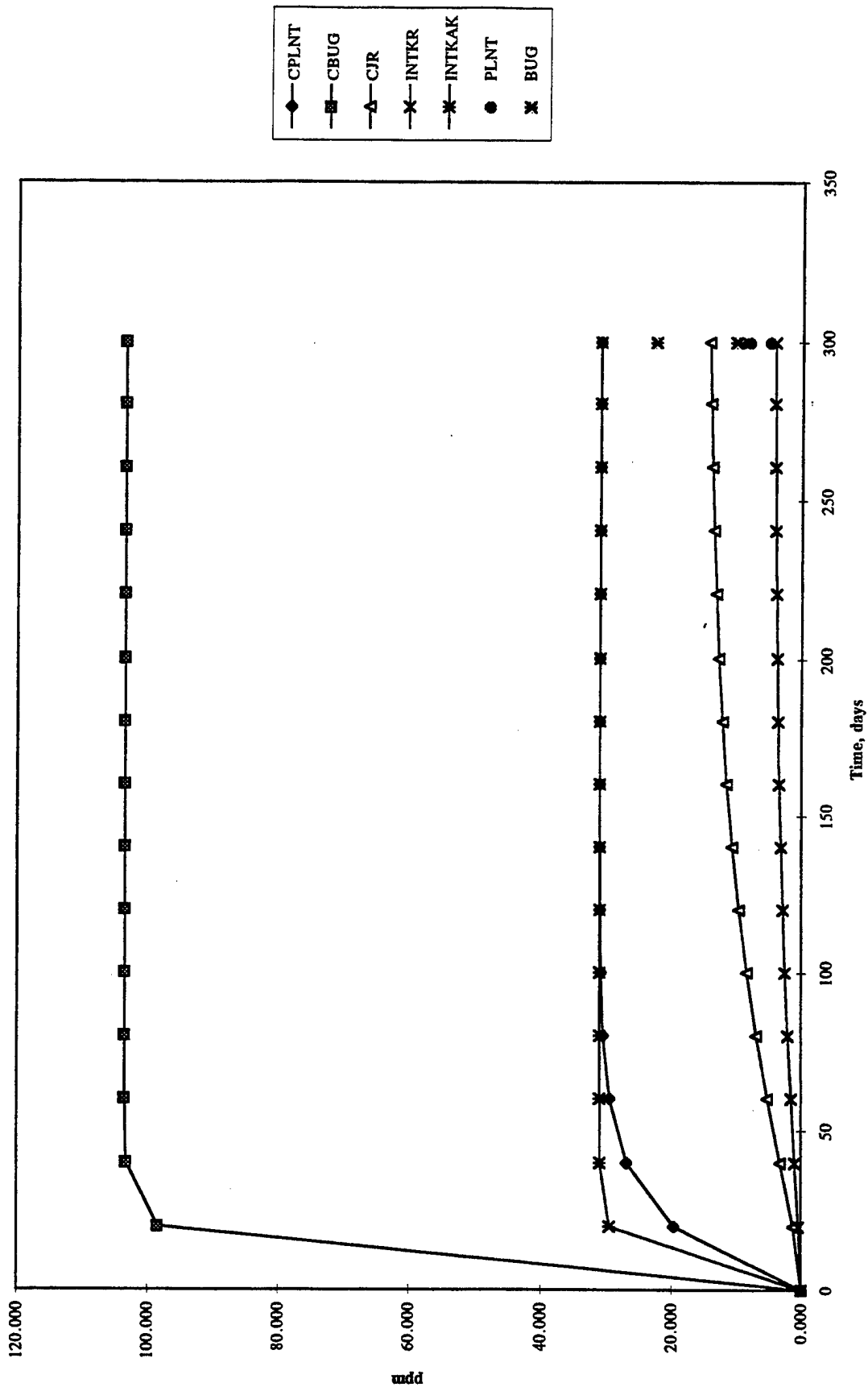
Bioaccumulation Model Results for Copper at SWMU 21



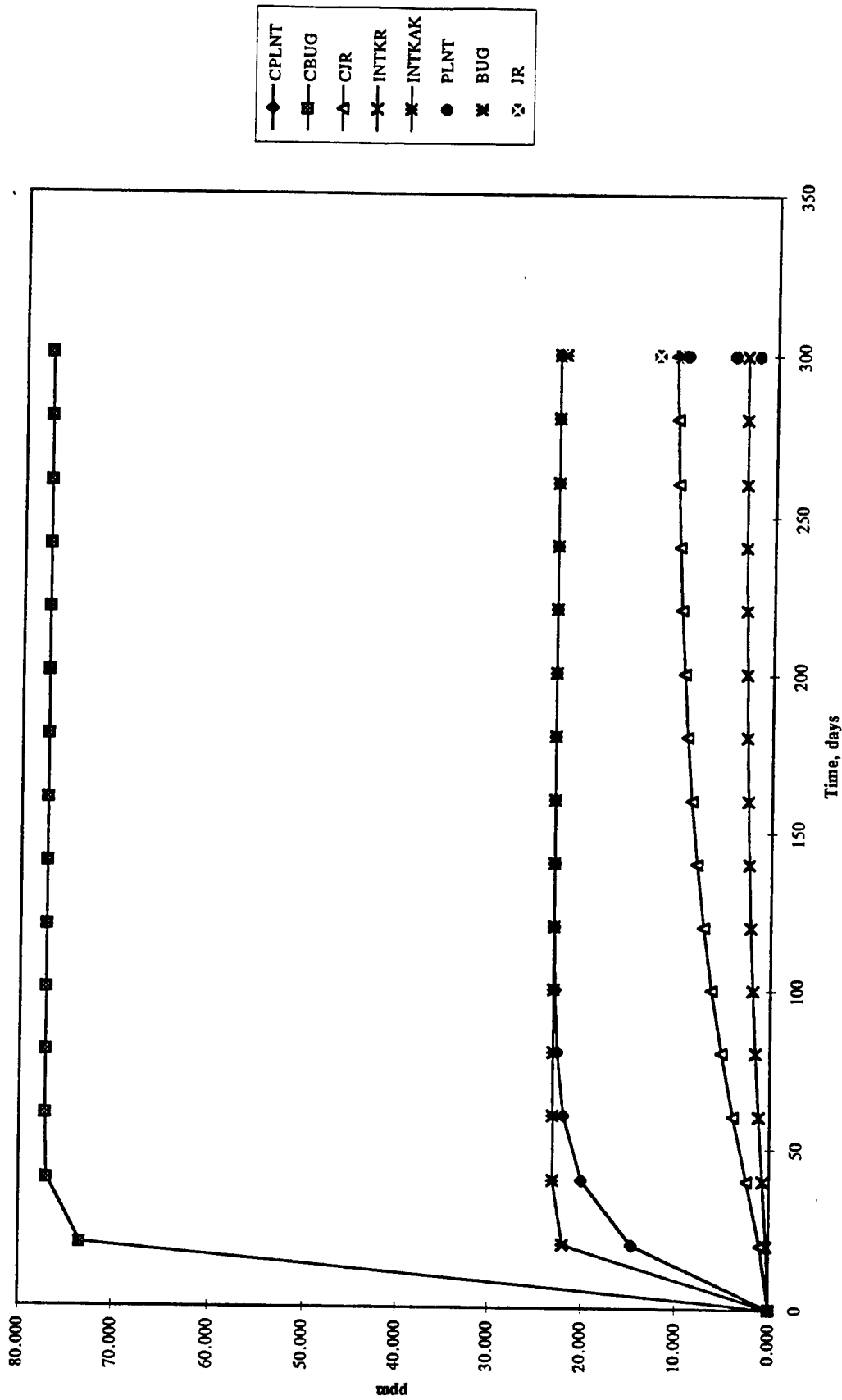
Bioaccumulation Model Results for Copper at SWMU 37



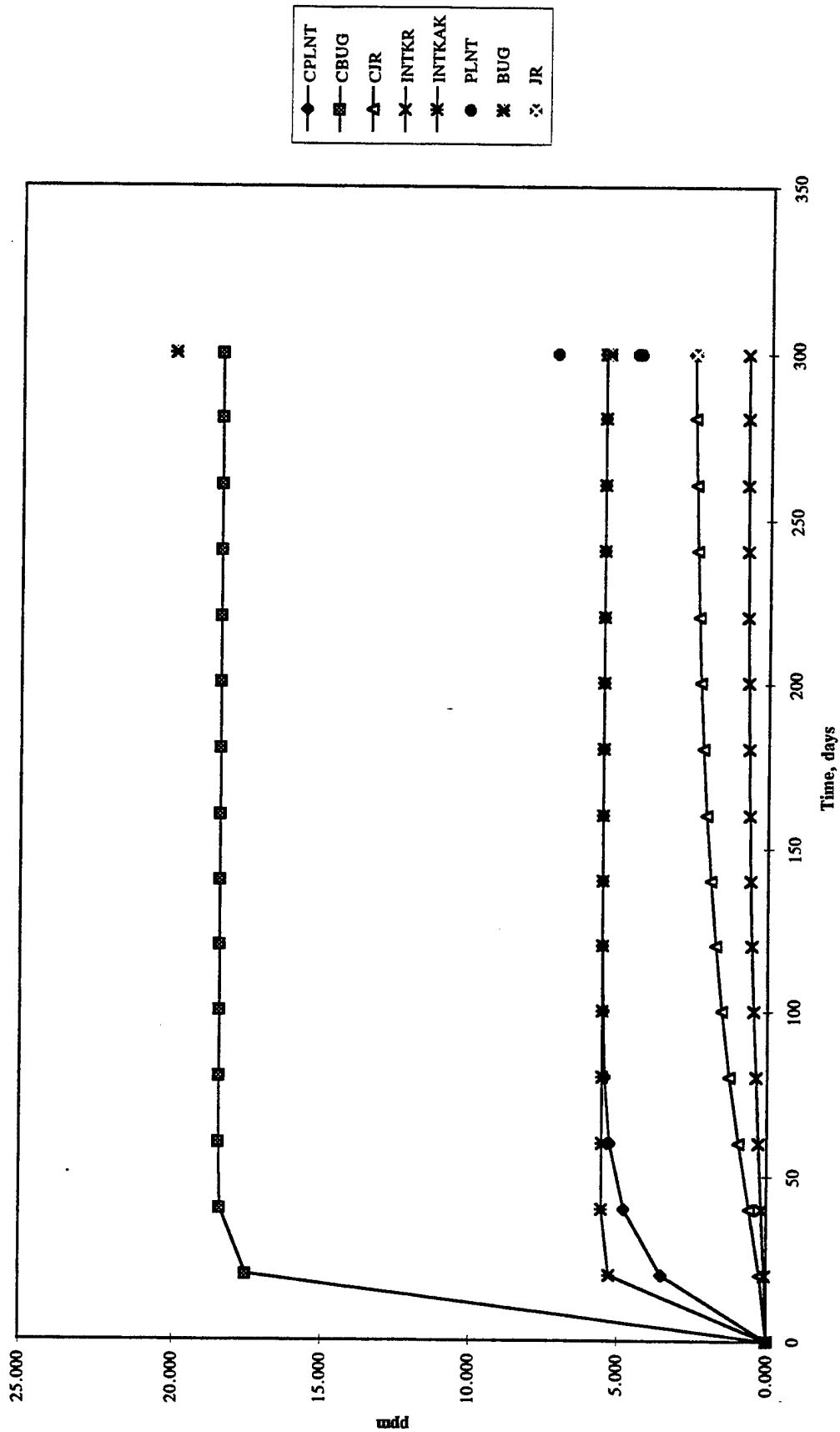
Bioaccumulation Model Results for Copper at SWMU 42



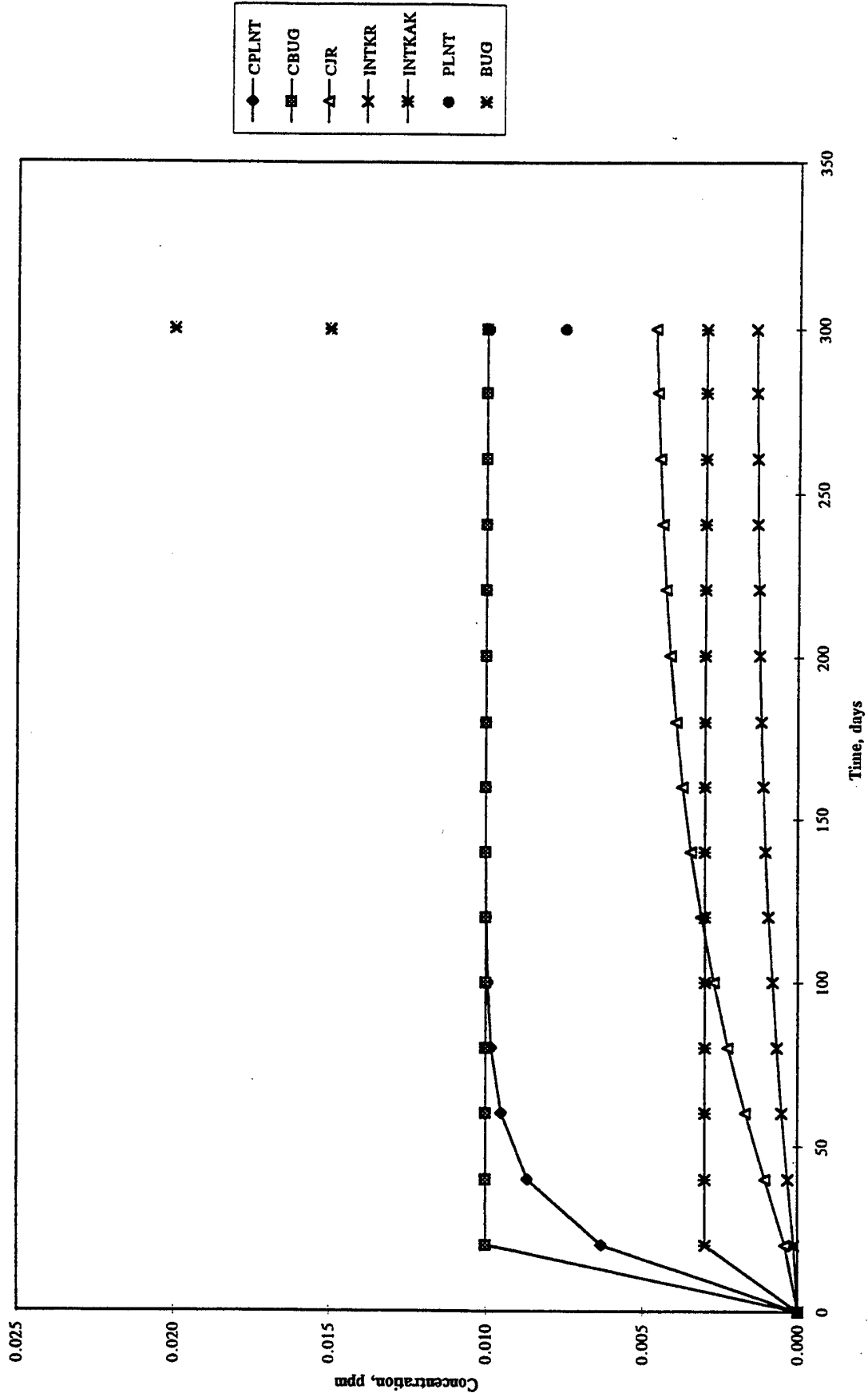
Bioaccumulation Model Results for Copper at SWMU 45



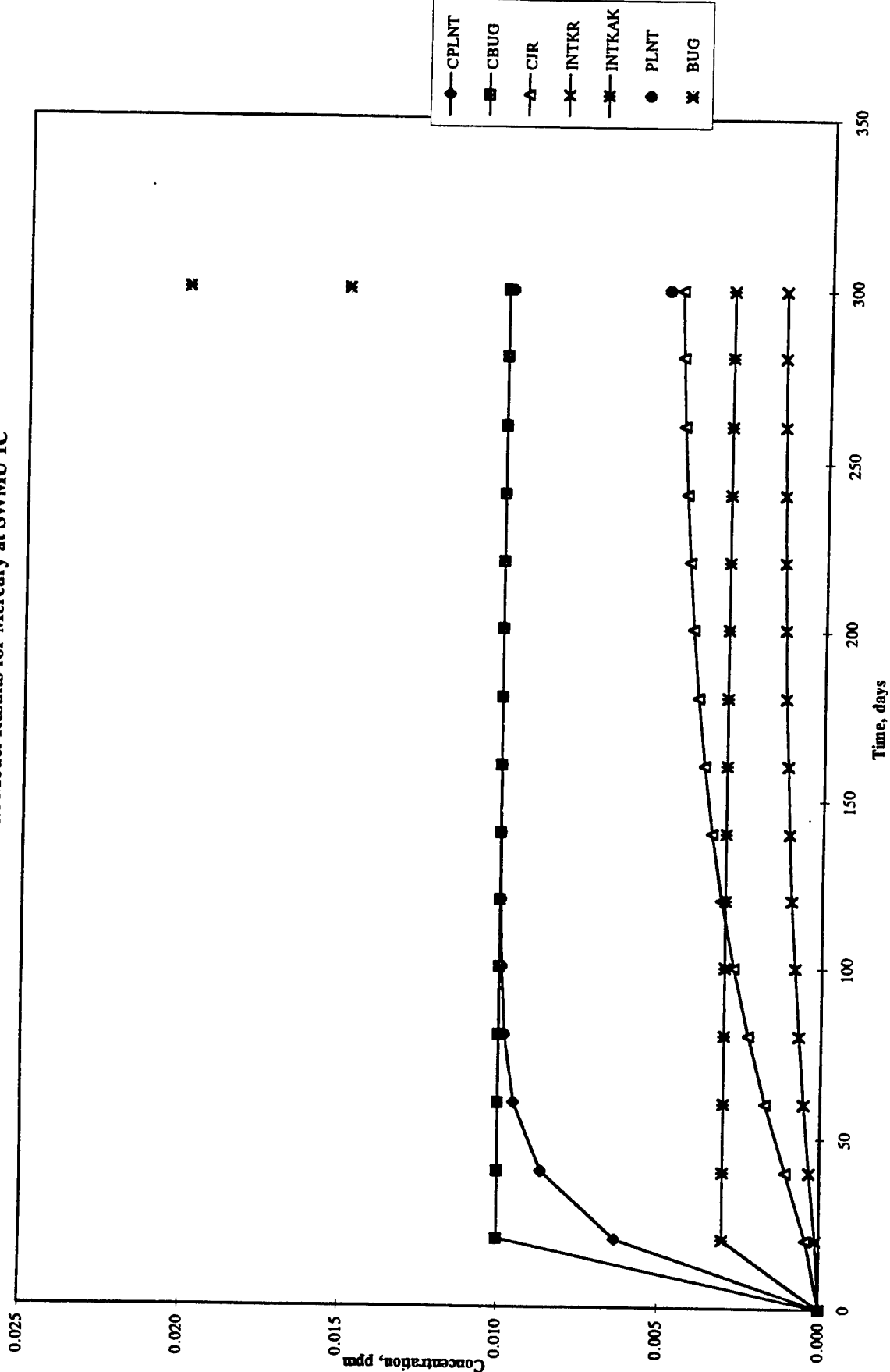
Bioaccumulation Model Results for Copper at the RSA



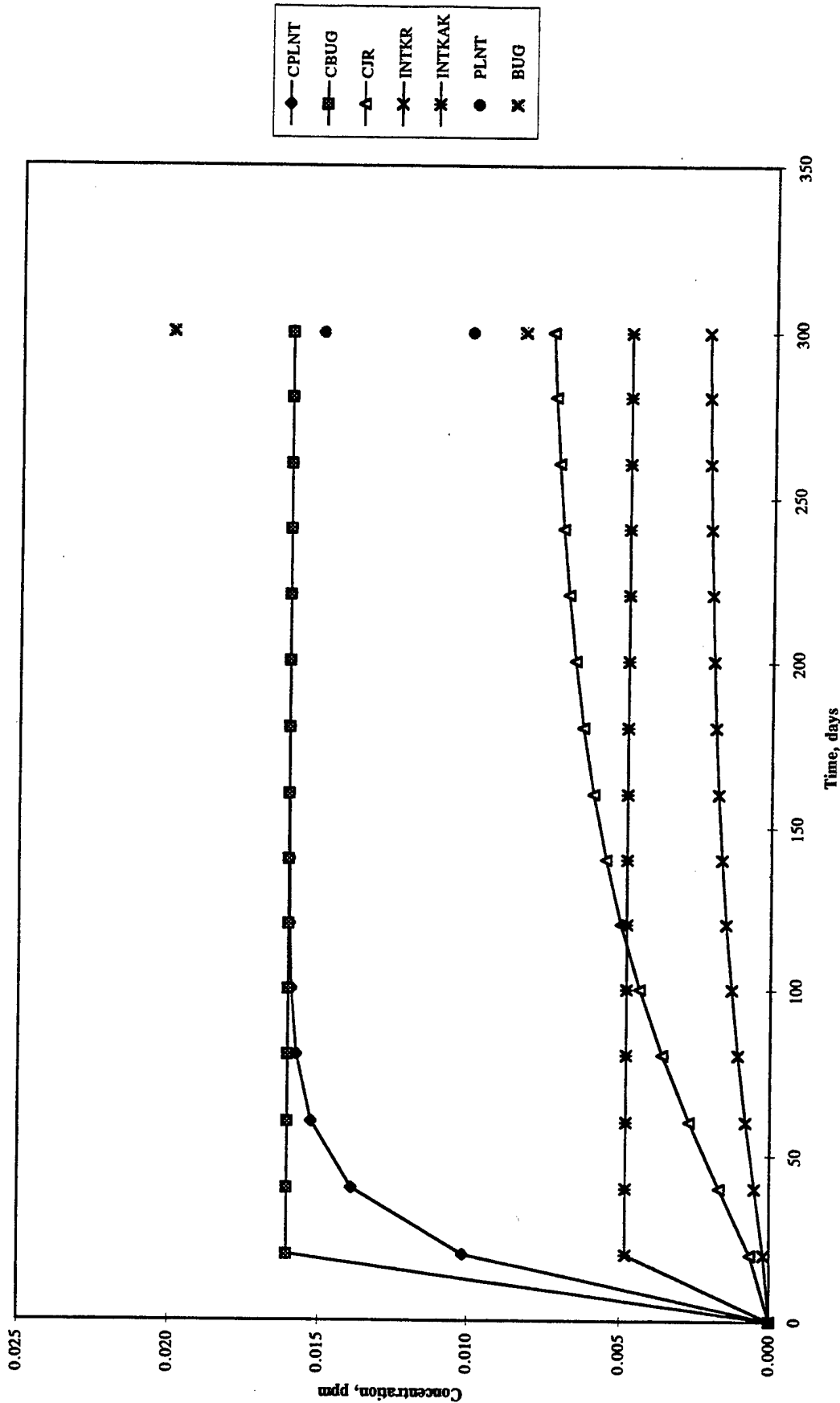
Bioaccumulation Model Results for Mercury at SWMU 1B



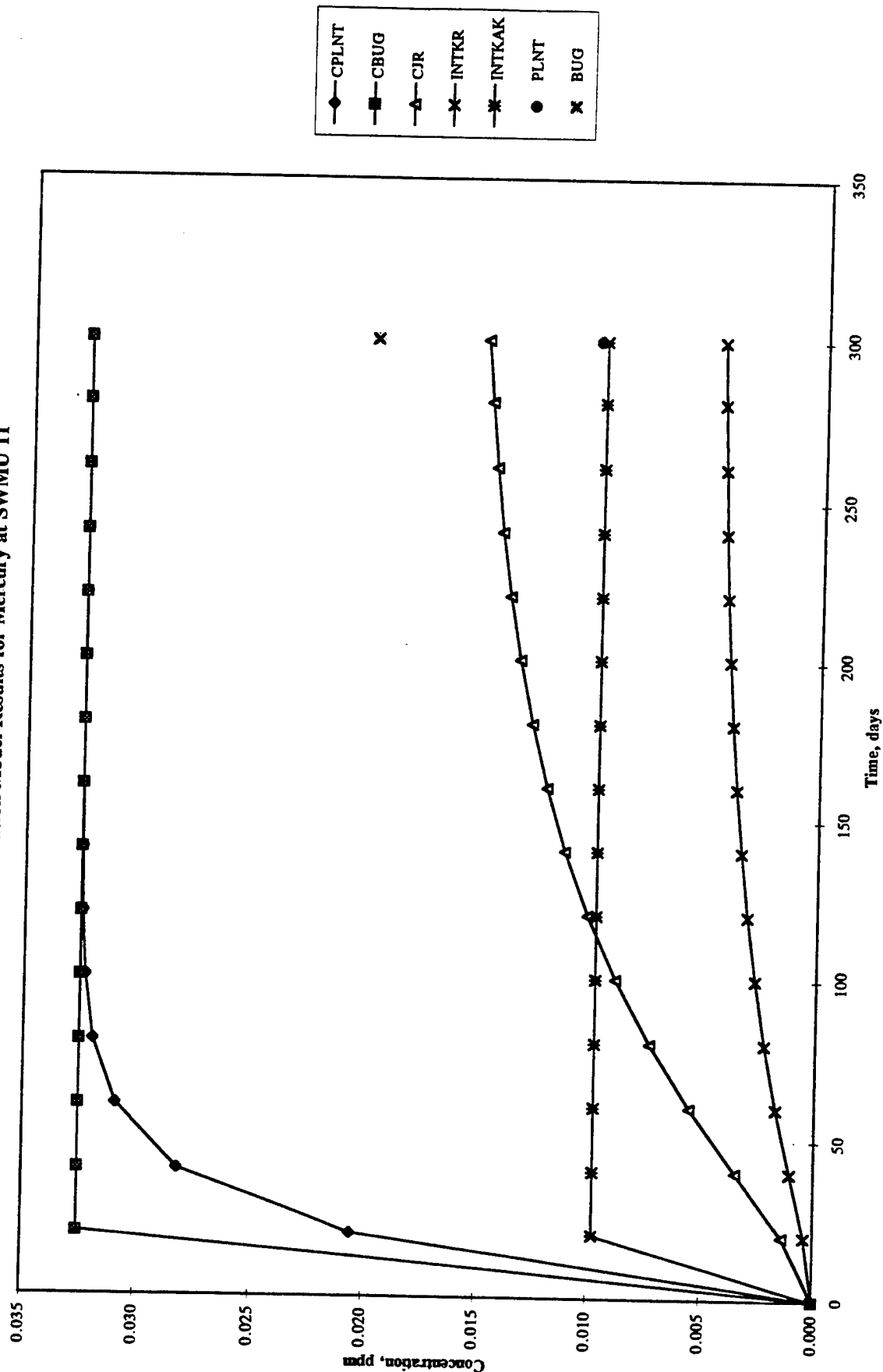
Bioaccumulation Model Results for Mercury at SWMU 1C



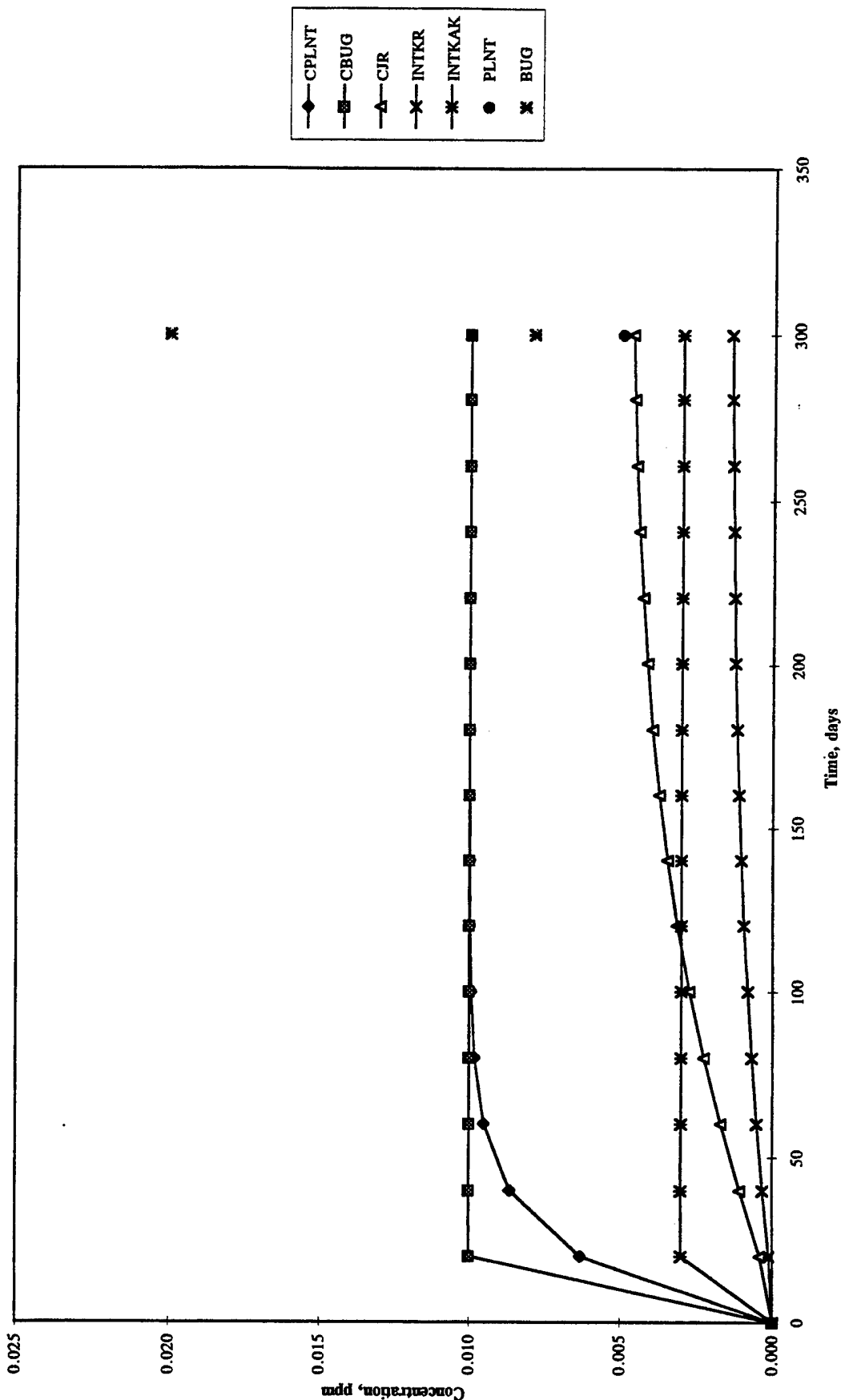
Bioaccumulation Model Results for Mercury at SWMU 10



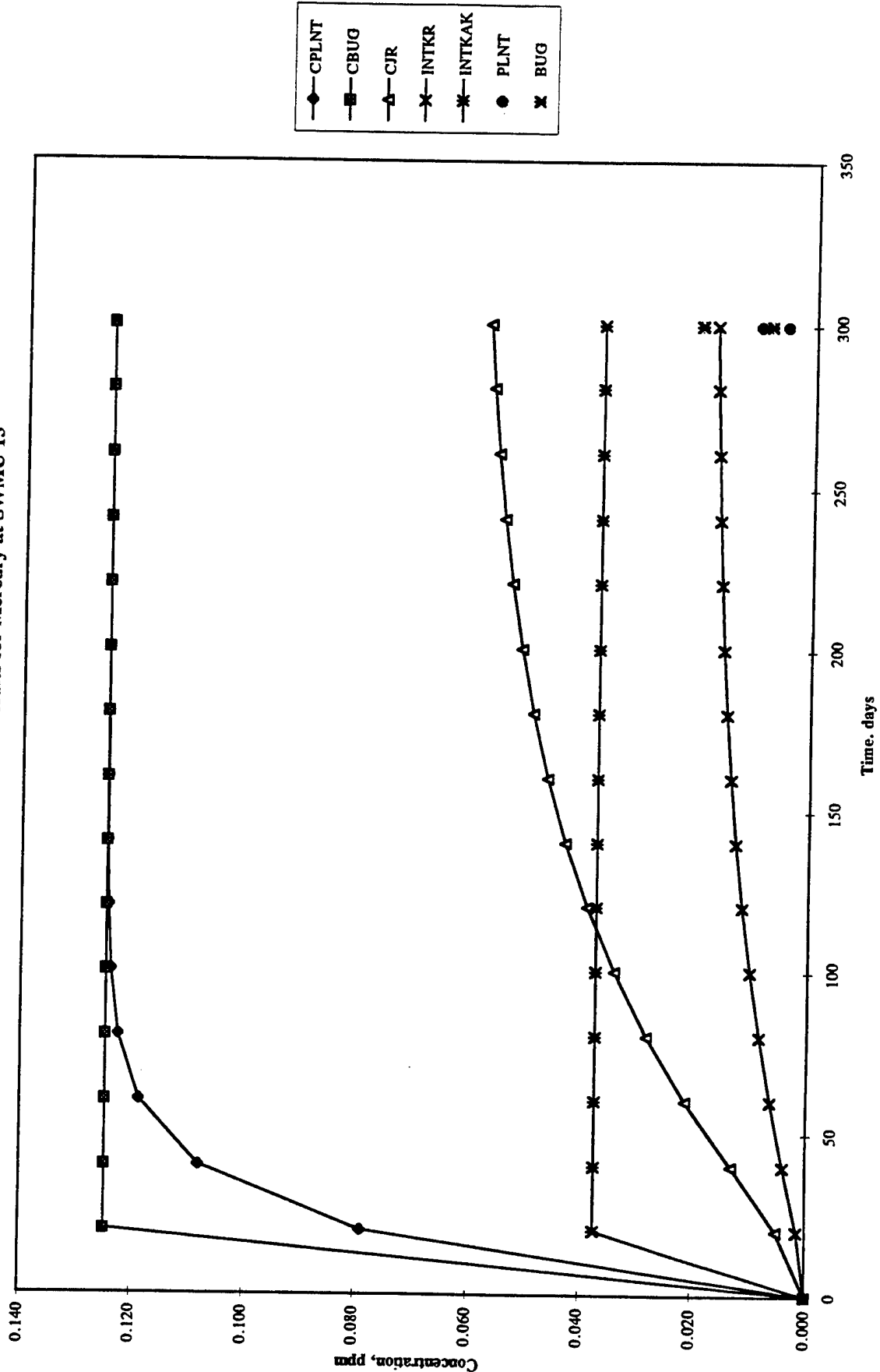
Bioaccumulation Model Results for Mercury at SWMU 11



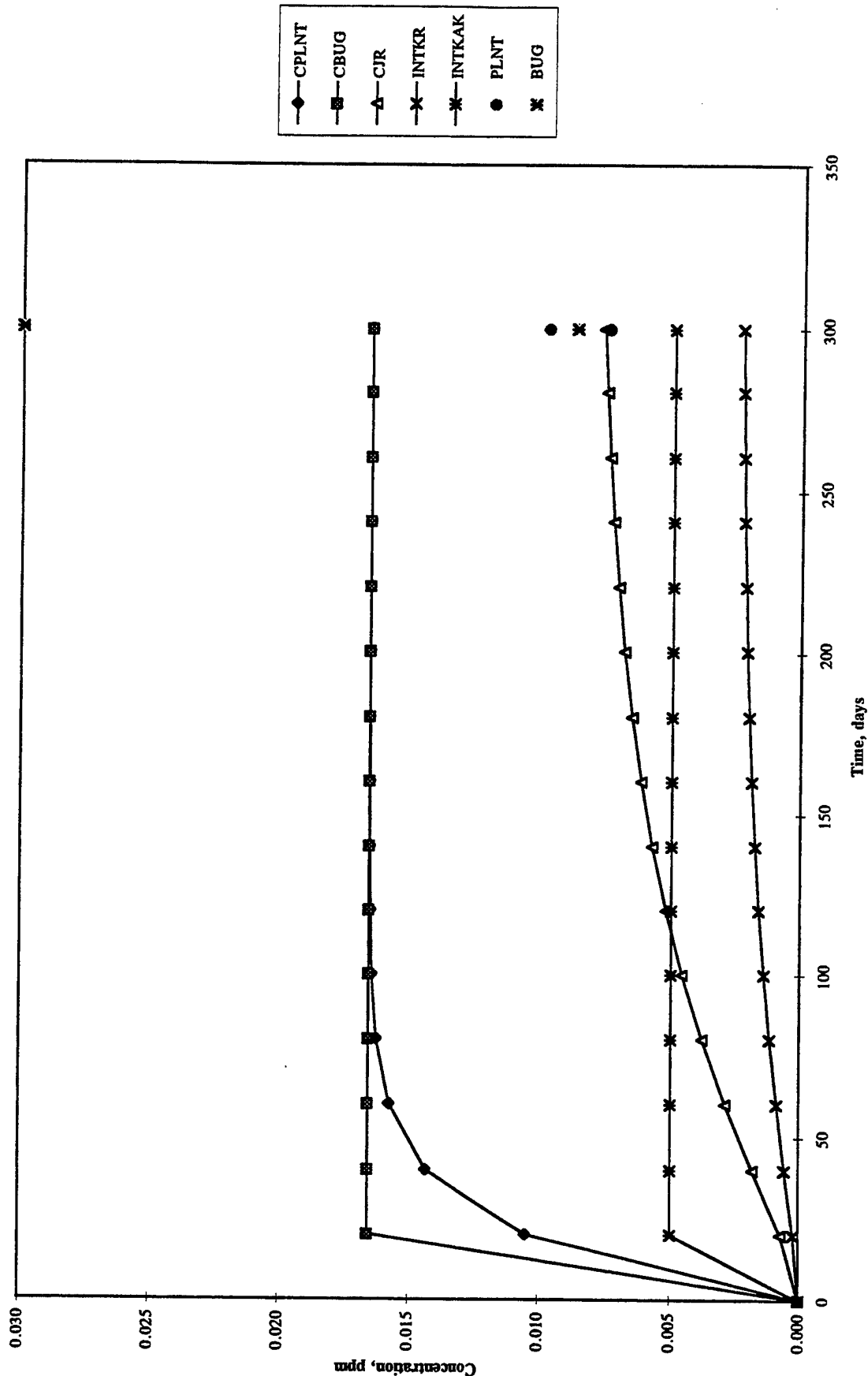
Bioaccumulation Model Results for Mercury at SWMU 12



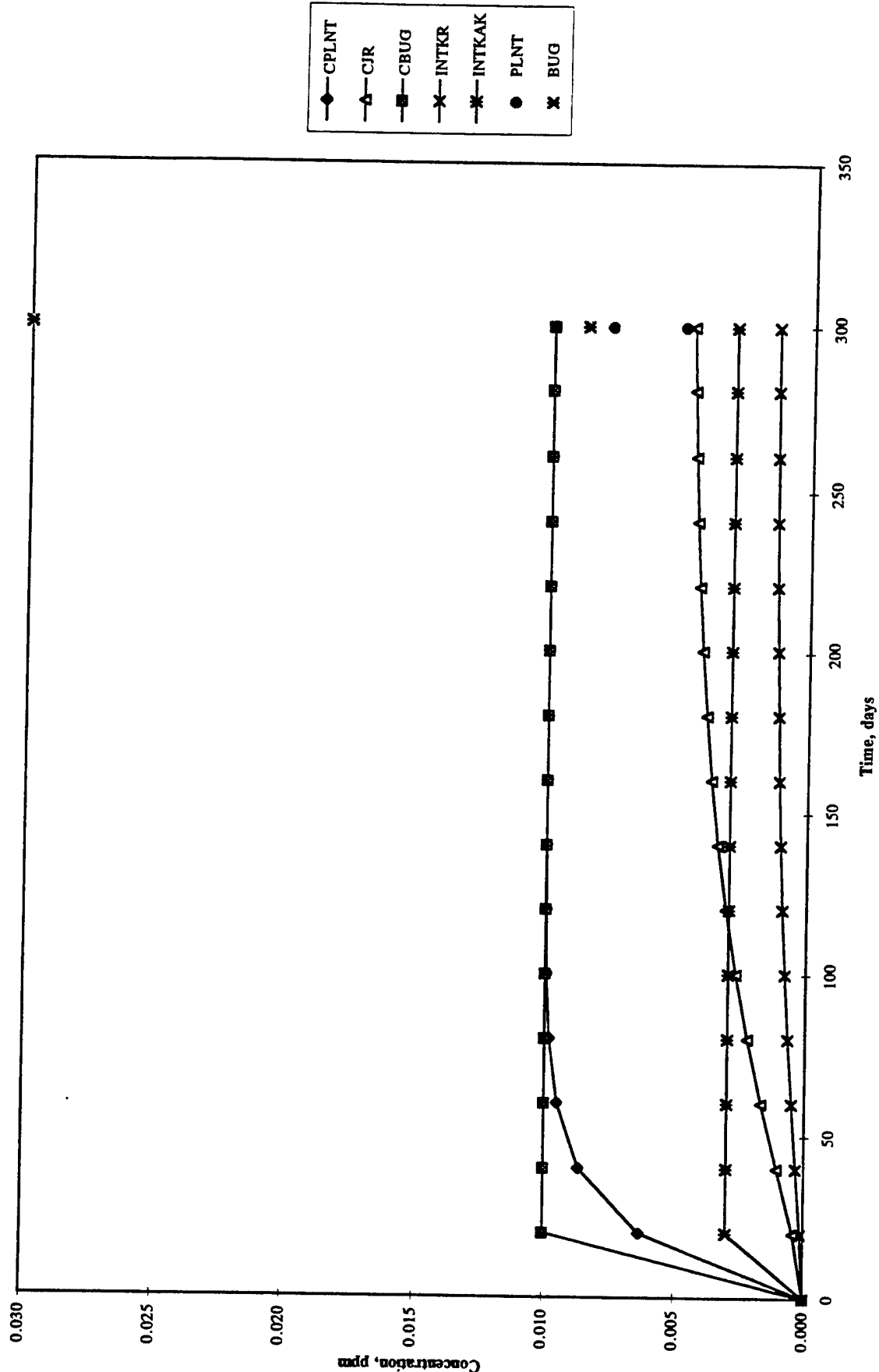
Bioaccumulation Model Results for Mercury at SWMU 15



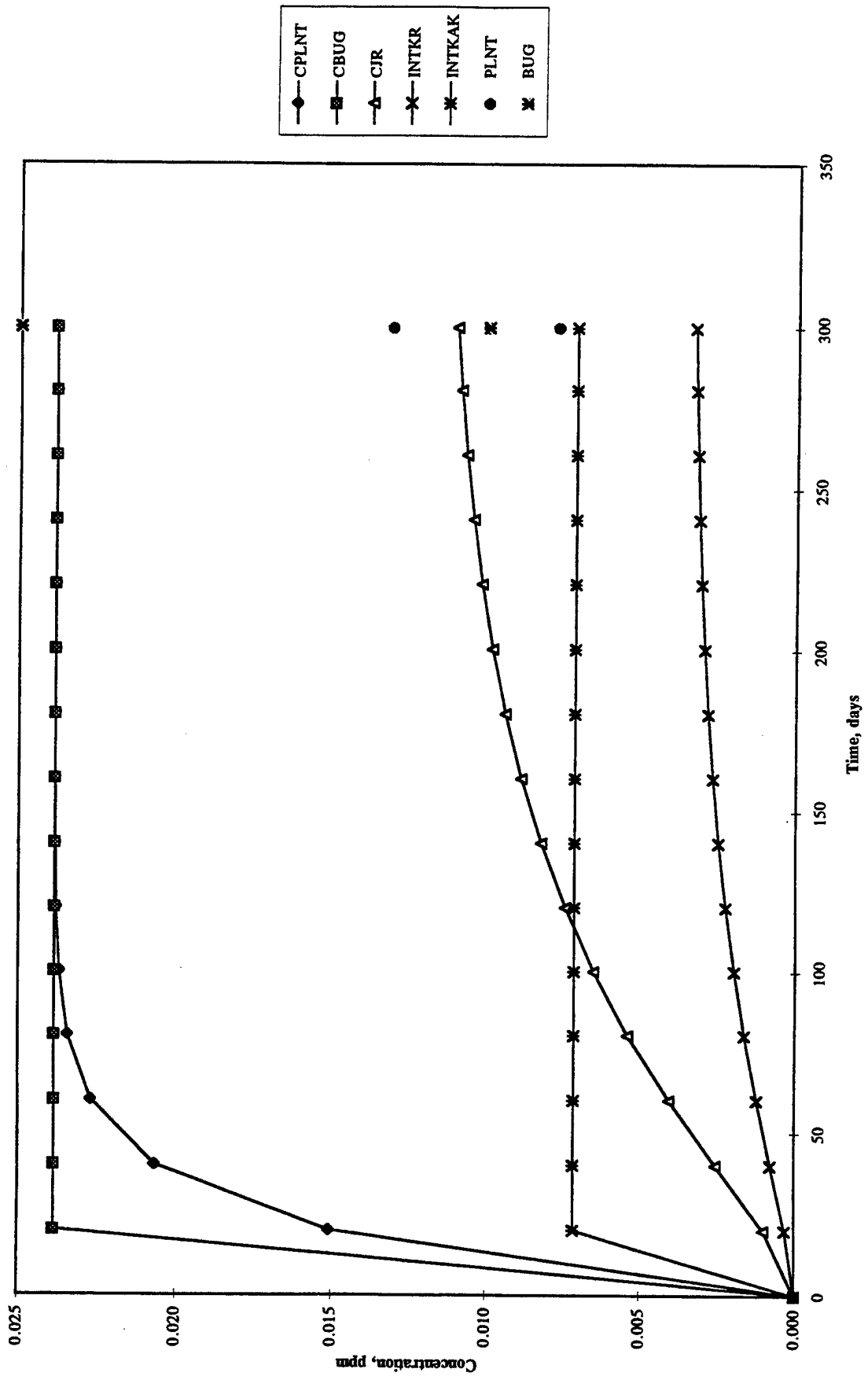
Bioaccumulation Model Results for Mercury at SWMU 21



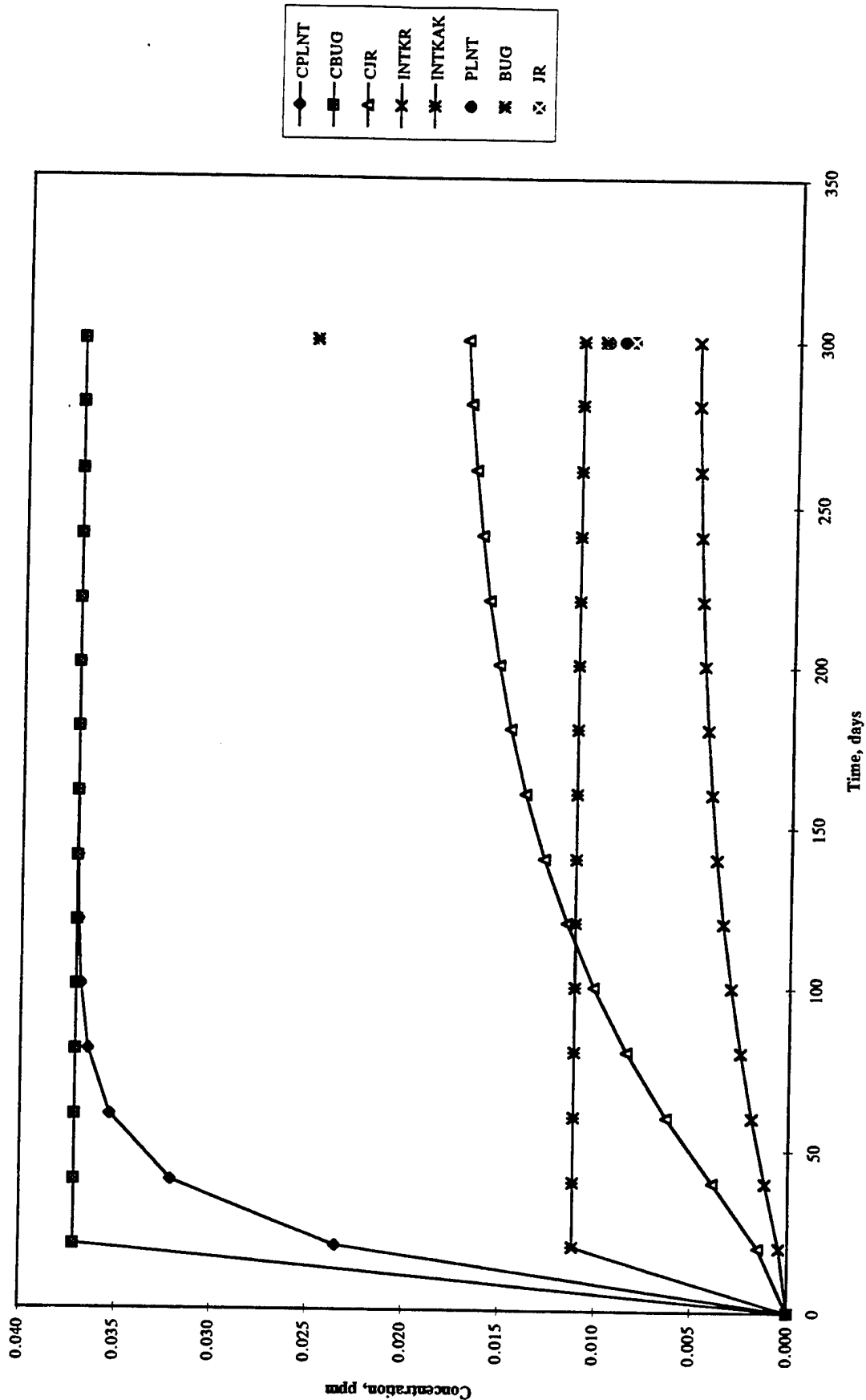
Bioaccumulation Model Results for Mercury at SWMU 37



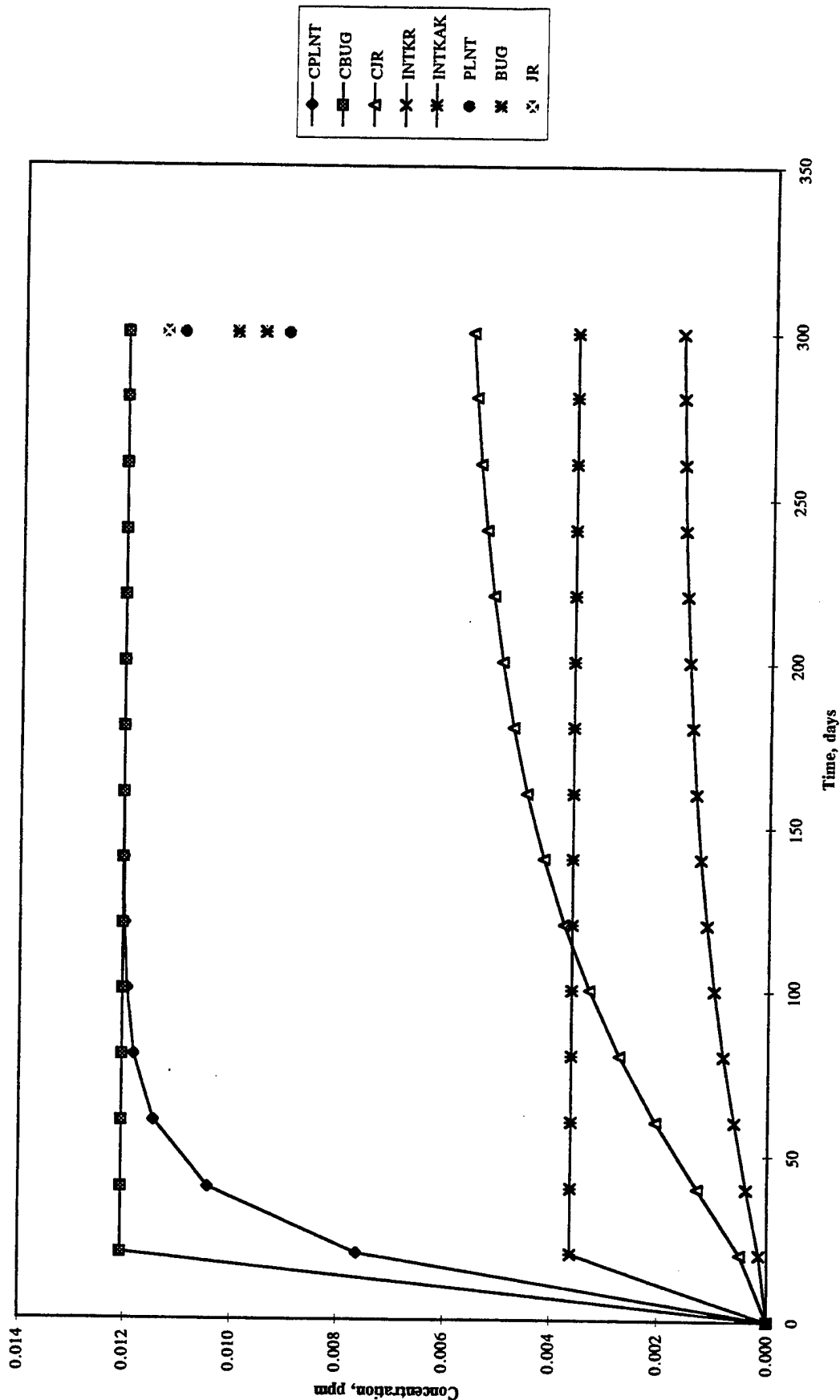
Bioaccumulation Model Results for Mercury at SWMU 42



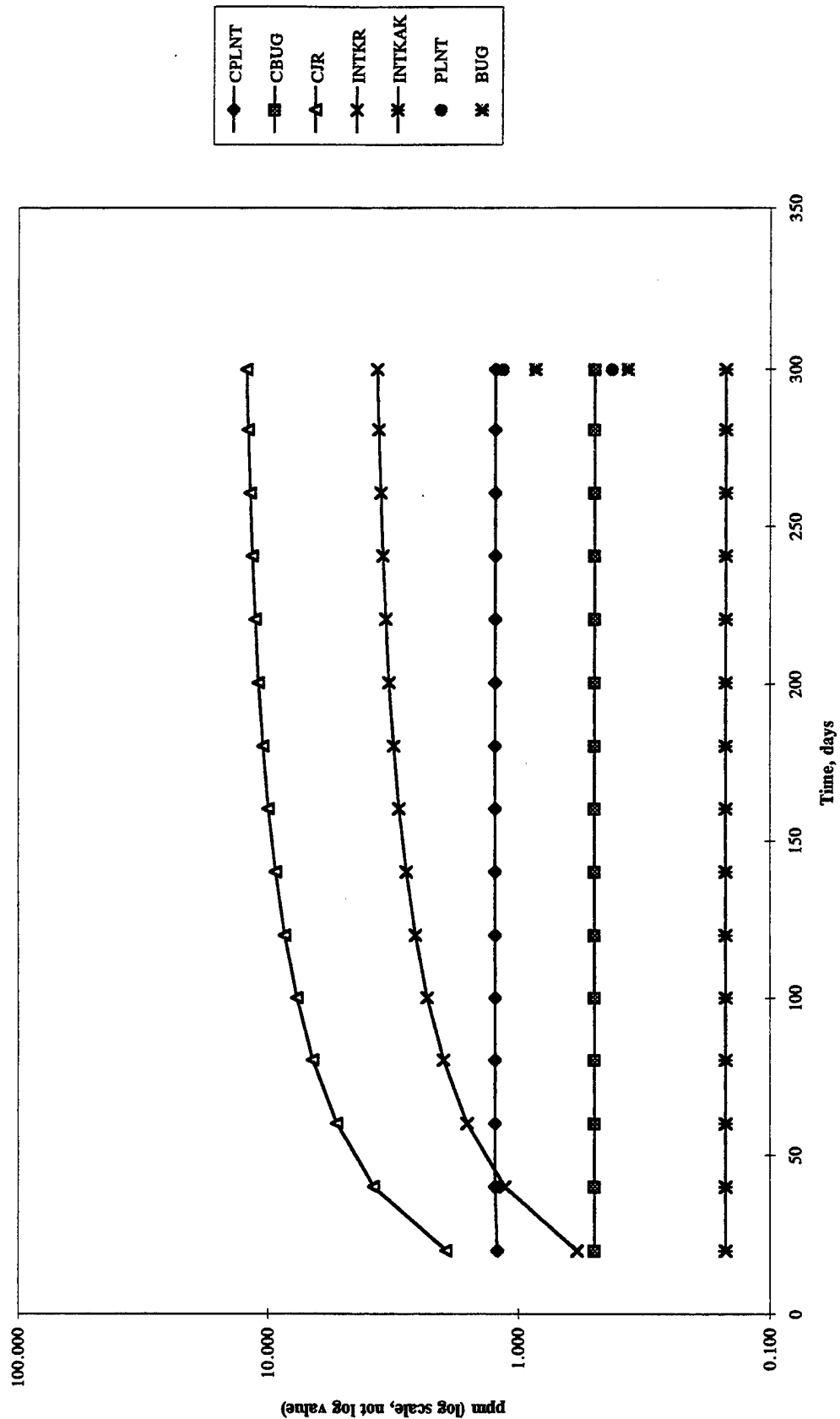
Bioaccumulation Model Results for Mercury at SWMU 45



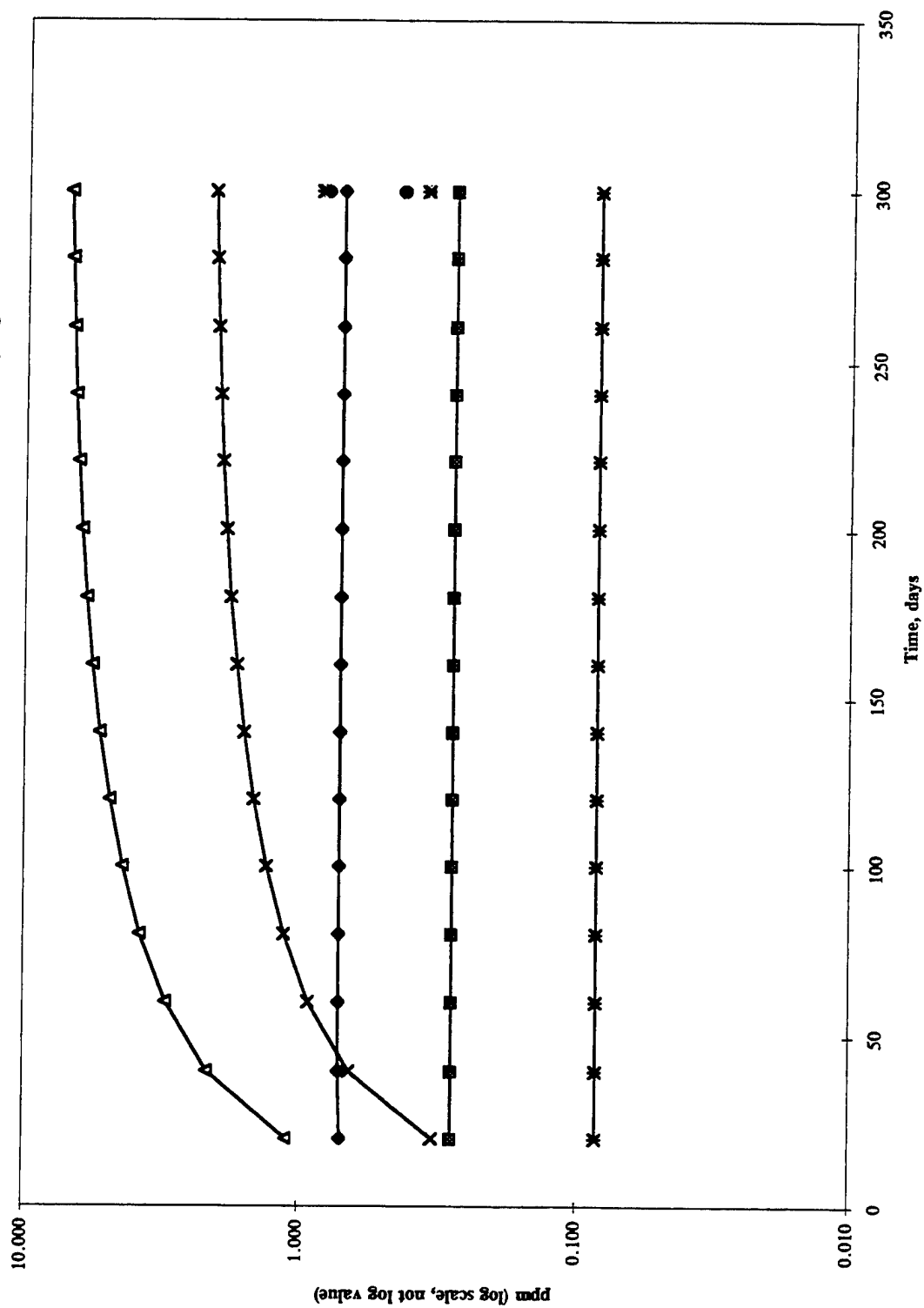
Bioaccumulation Model Results for Mercury at the RSA



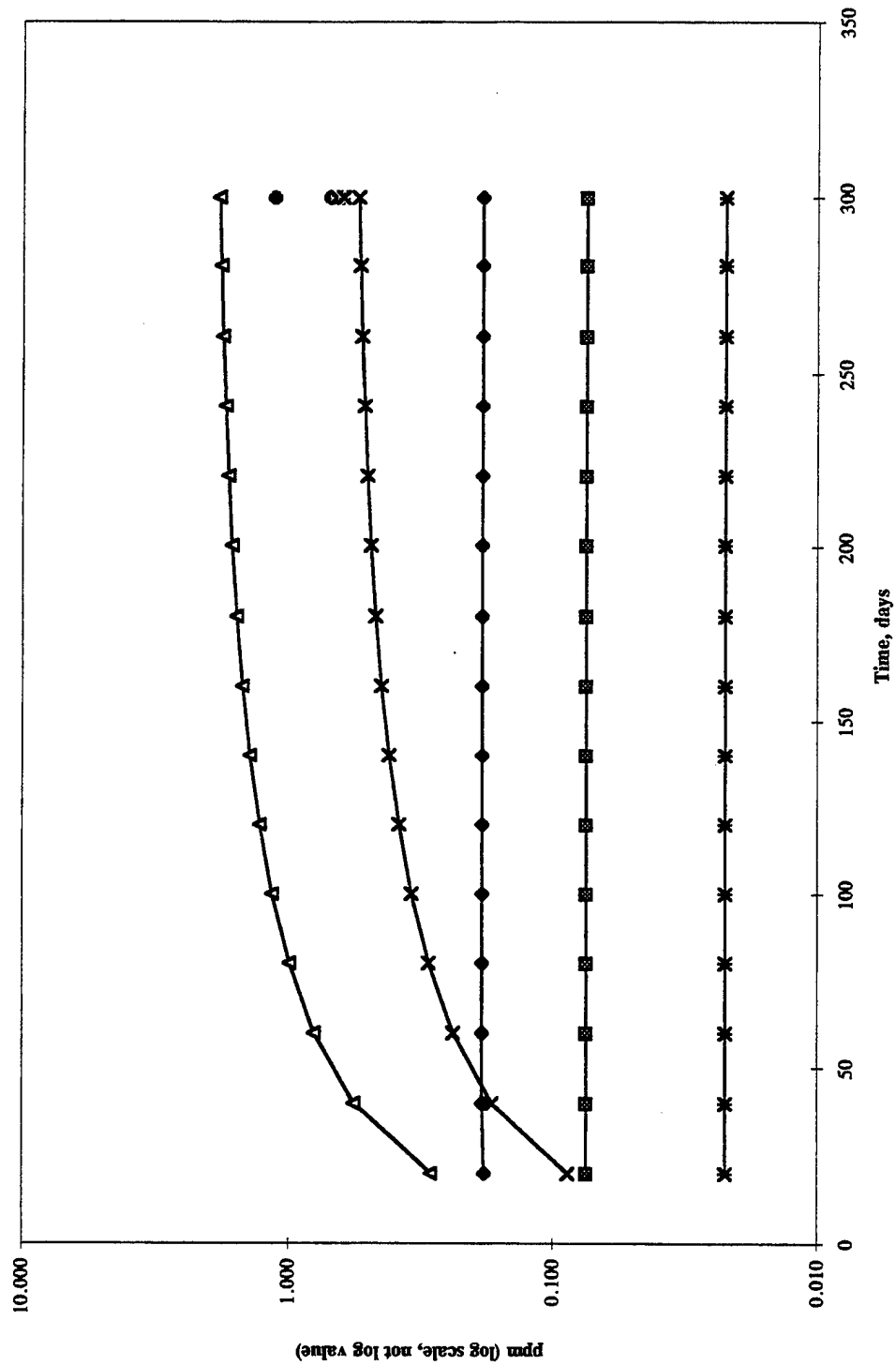
Bioaccumulation Model Results for Lead at SWMU 1B



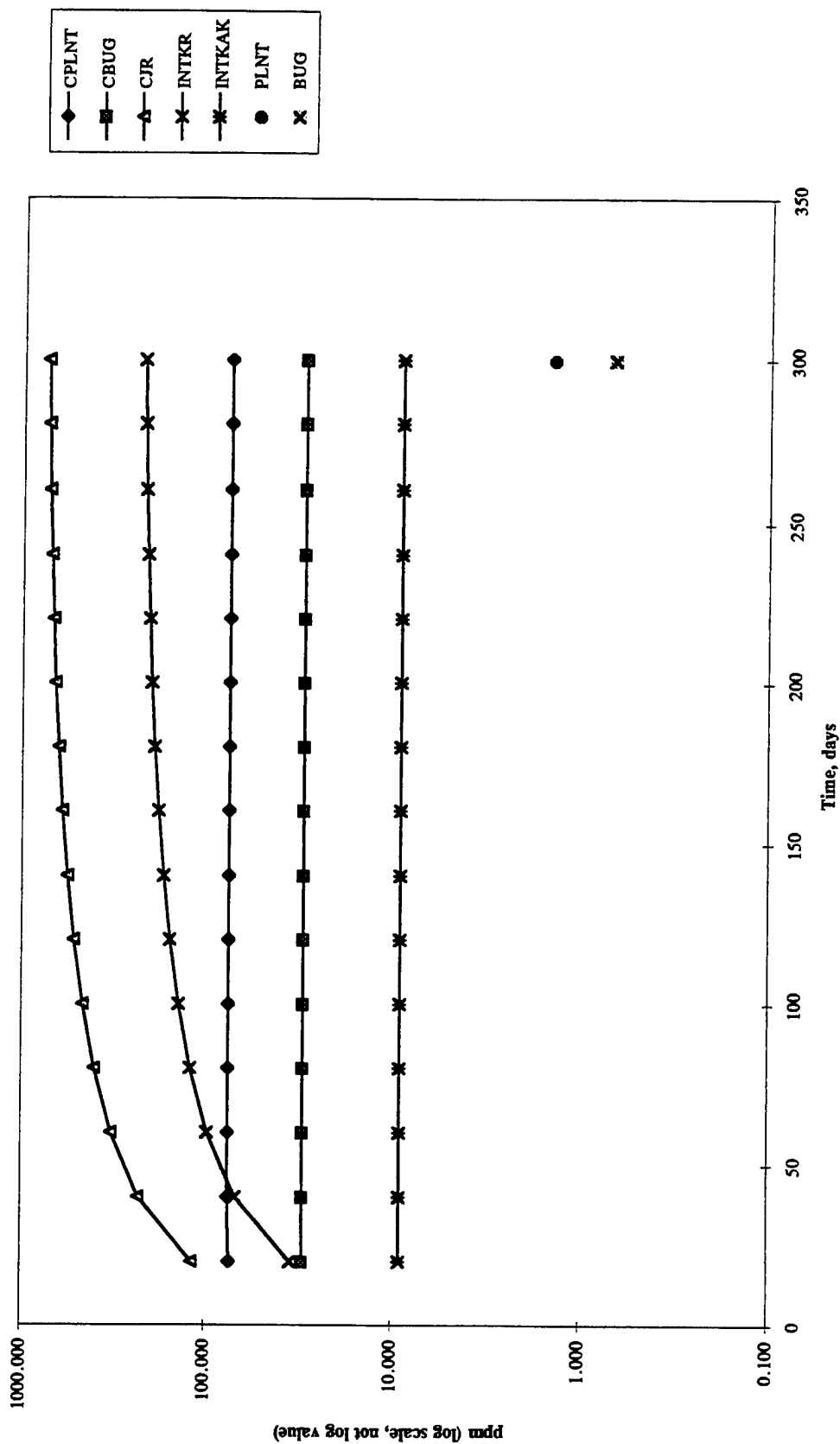
Bioaccumulation Model Results for Lead at SWMU 1C



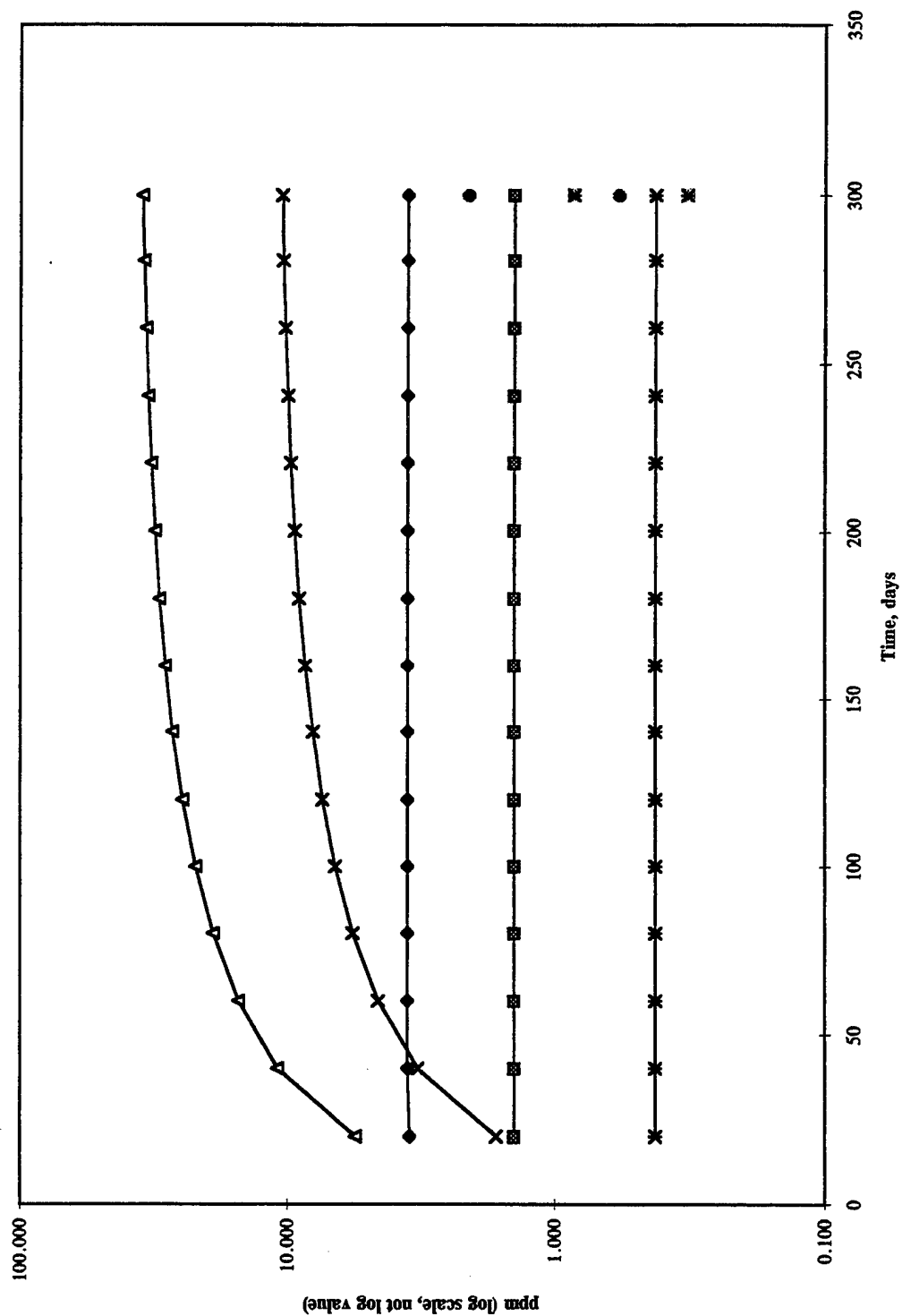
Bioaccumulation Model Results for Lead at SWMU 10



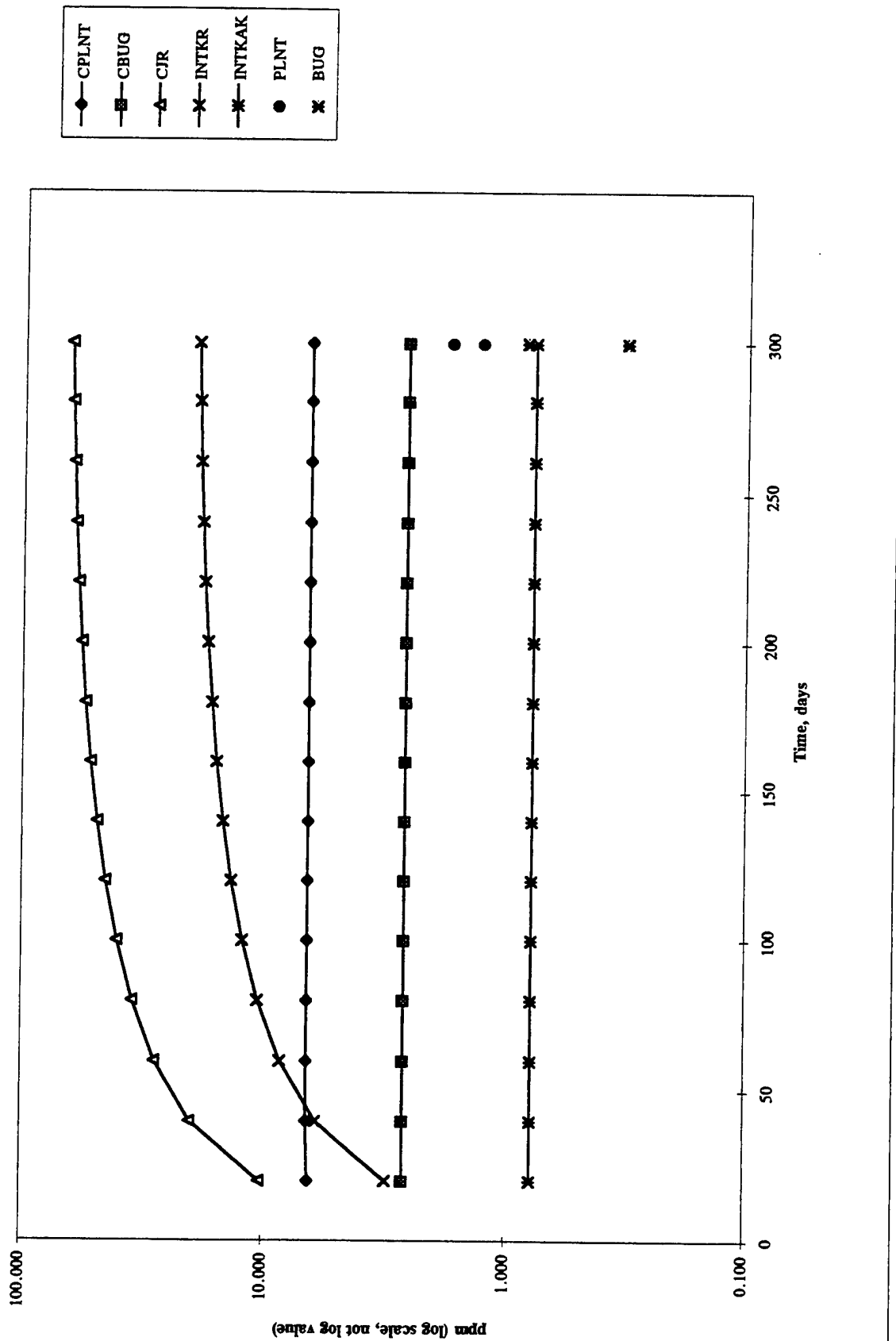
Bioaccumulation Model Results for Lead at SWMU 11



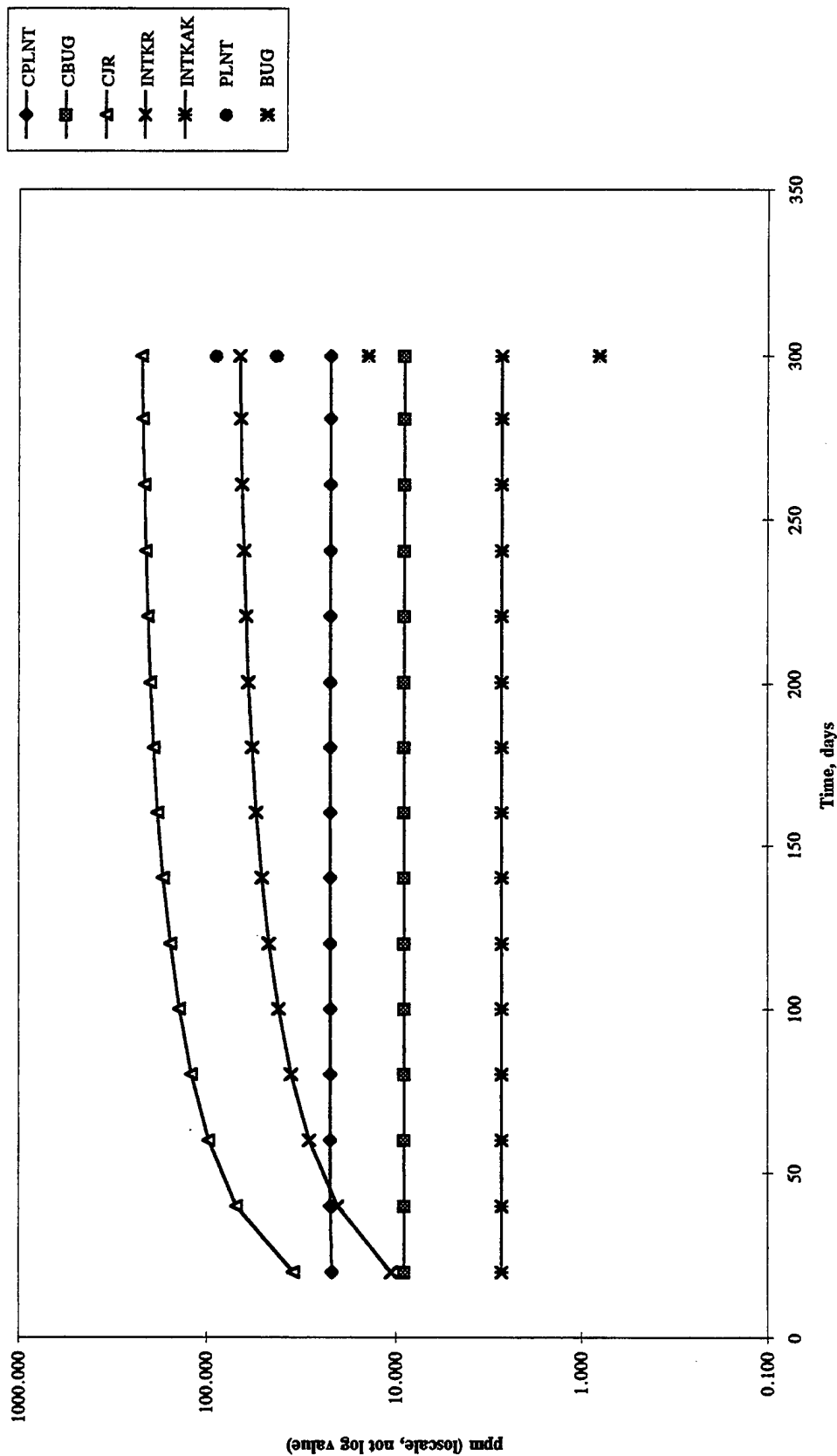
Bioaccumulation Model Results for Lead at SWMU 12



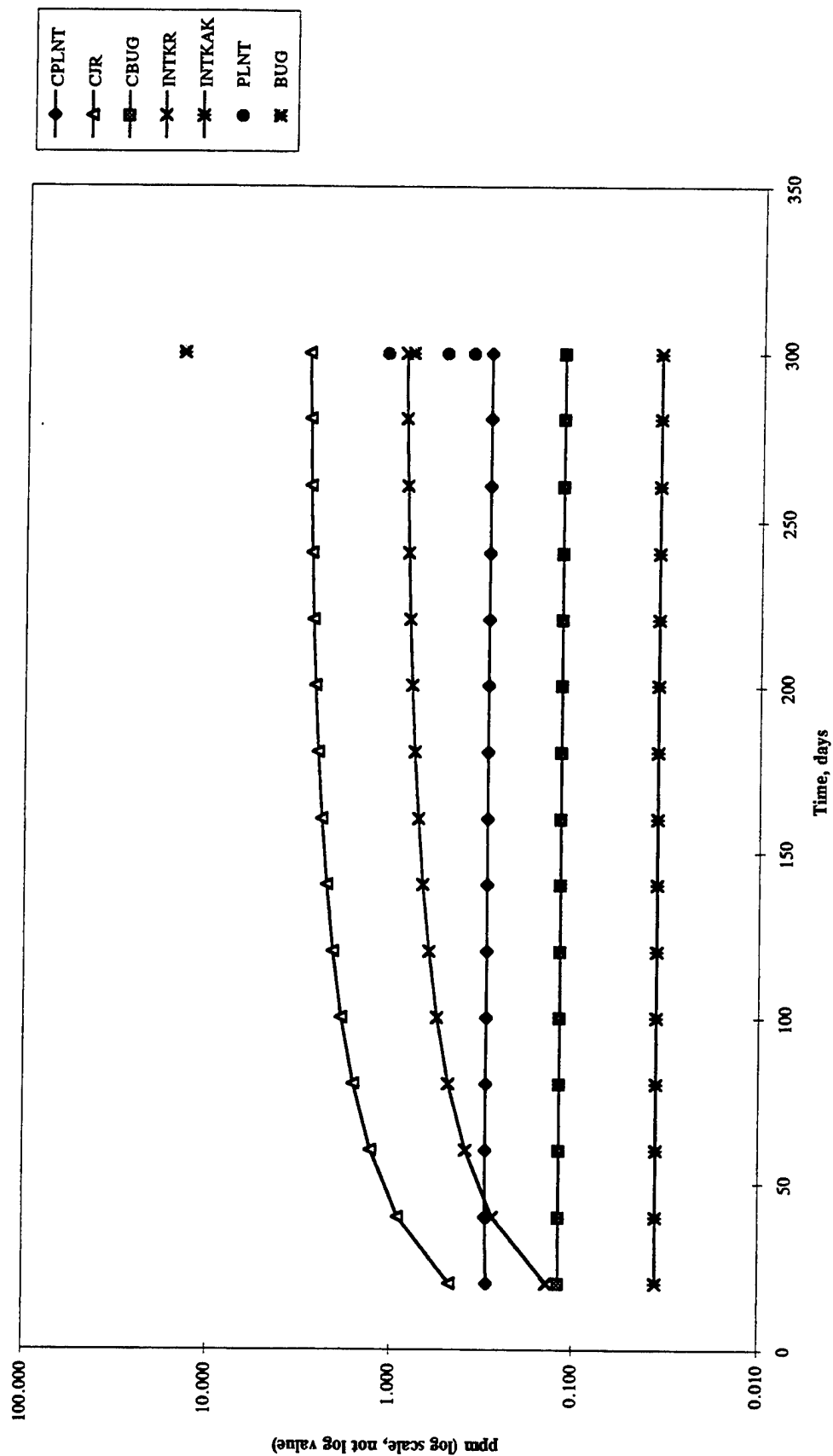
Bioaccumulation Model Results for Lead at SWMU 15



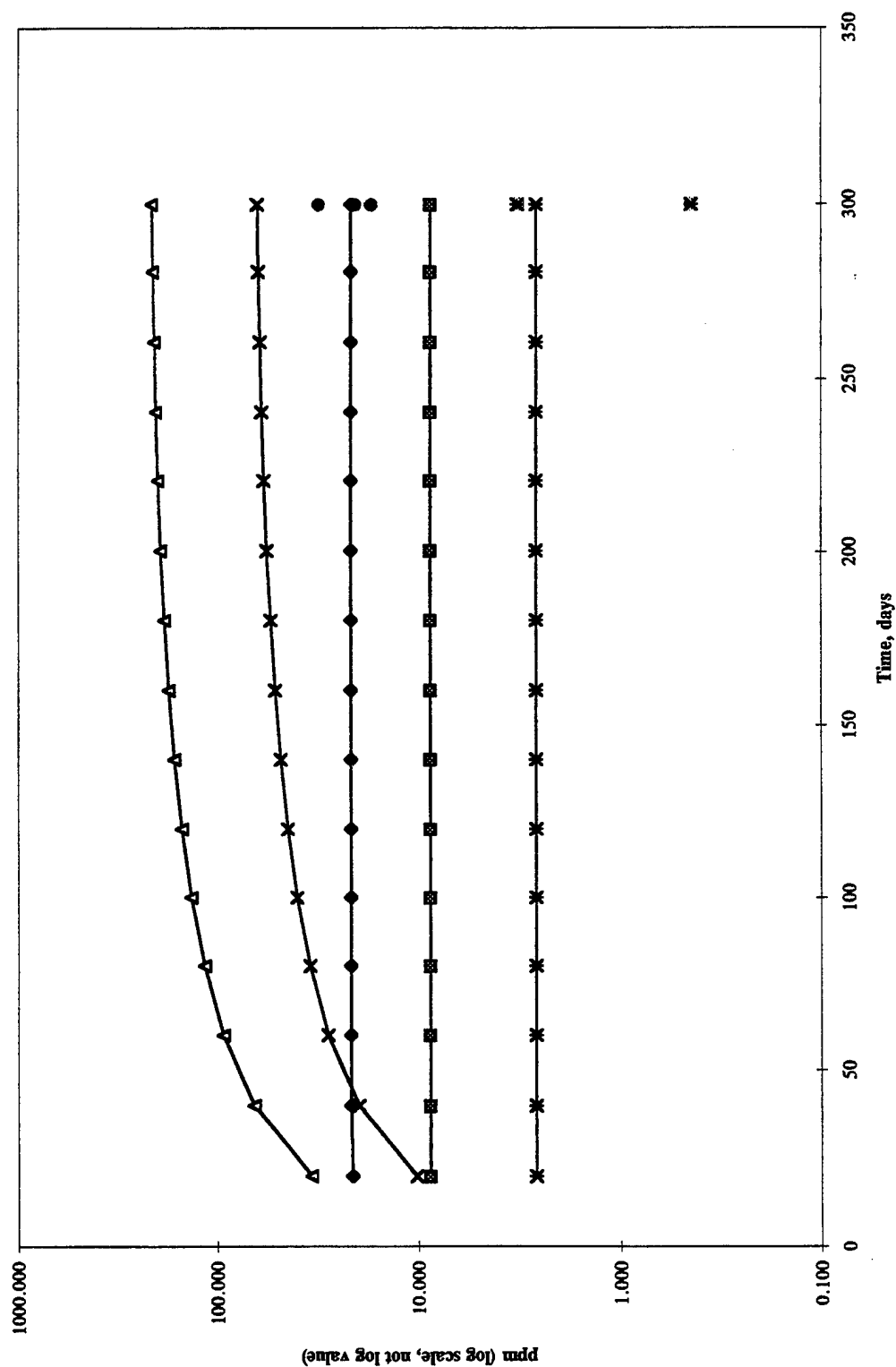
Bioaccumulation Model Results for Lead at SWMU 21



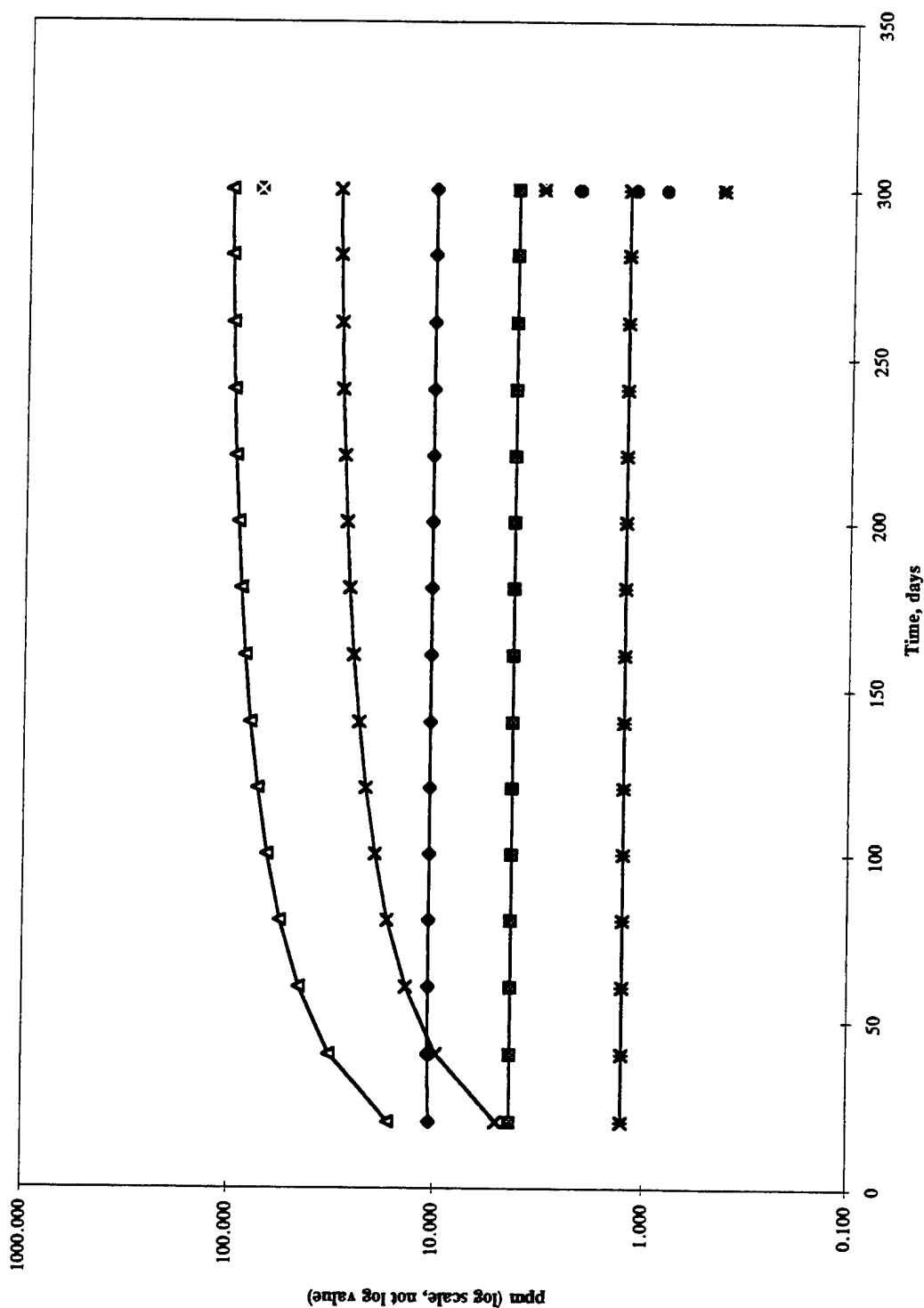
Bioaccumulation Model Results for Lead at SWMU 37



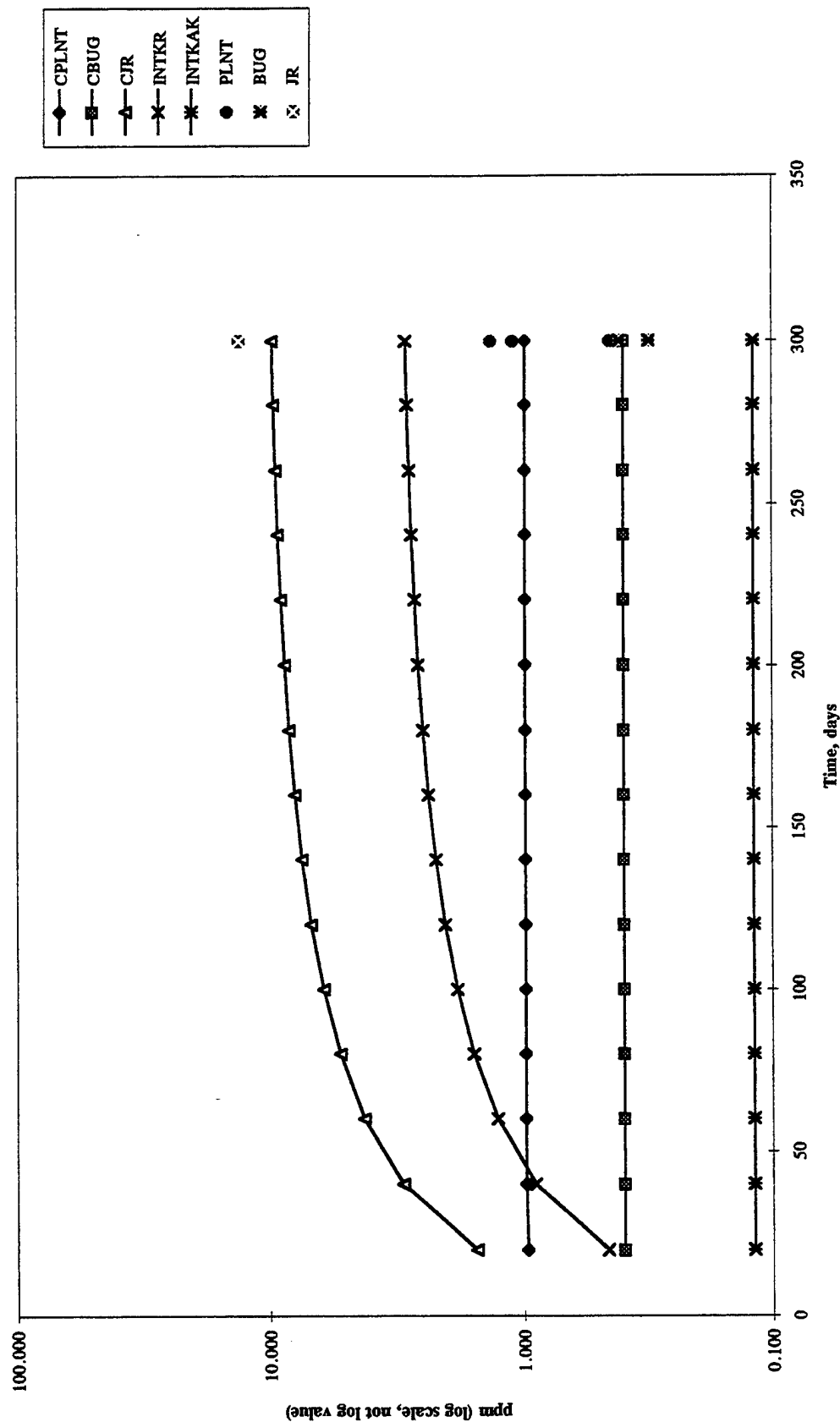
Bioaccumulation Model Results for Lead at SWMU 42



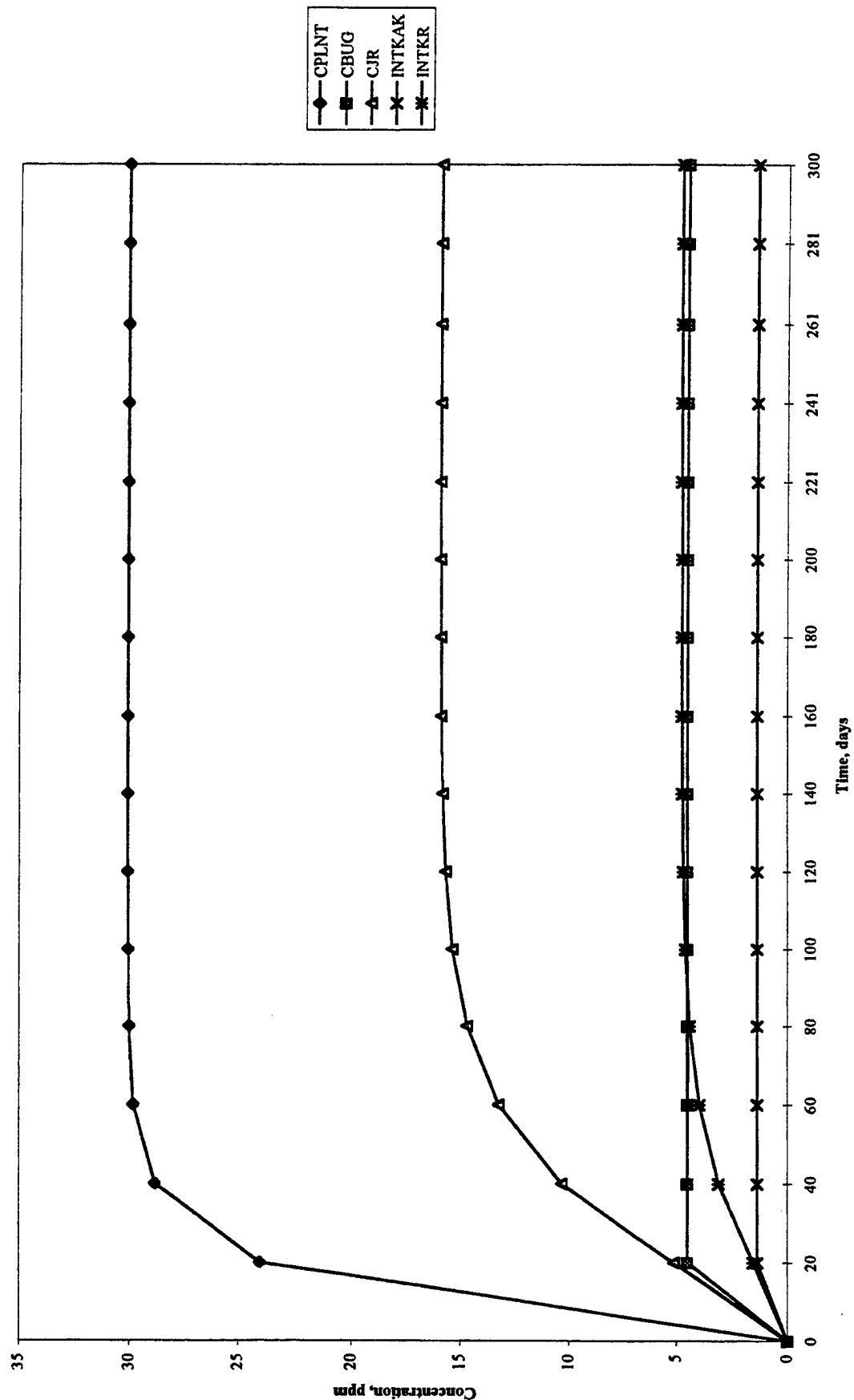
Bioaccumulation Model Results for Lead at SWMU 45



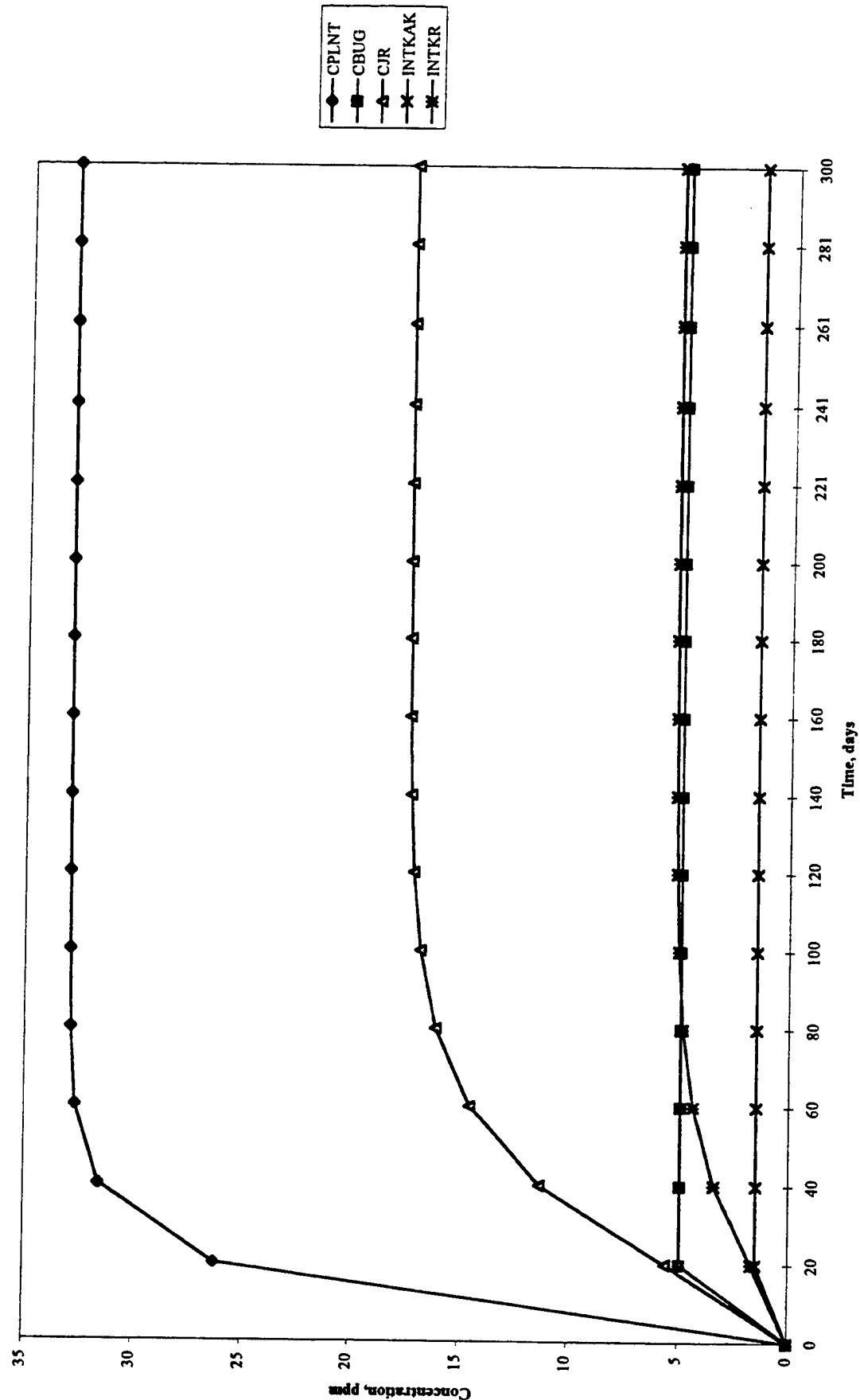
Bioaccumulation Model Results for Lead at the RSA



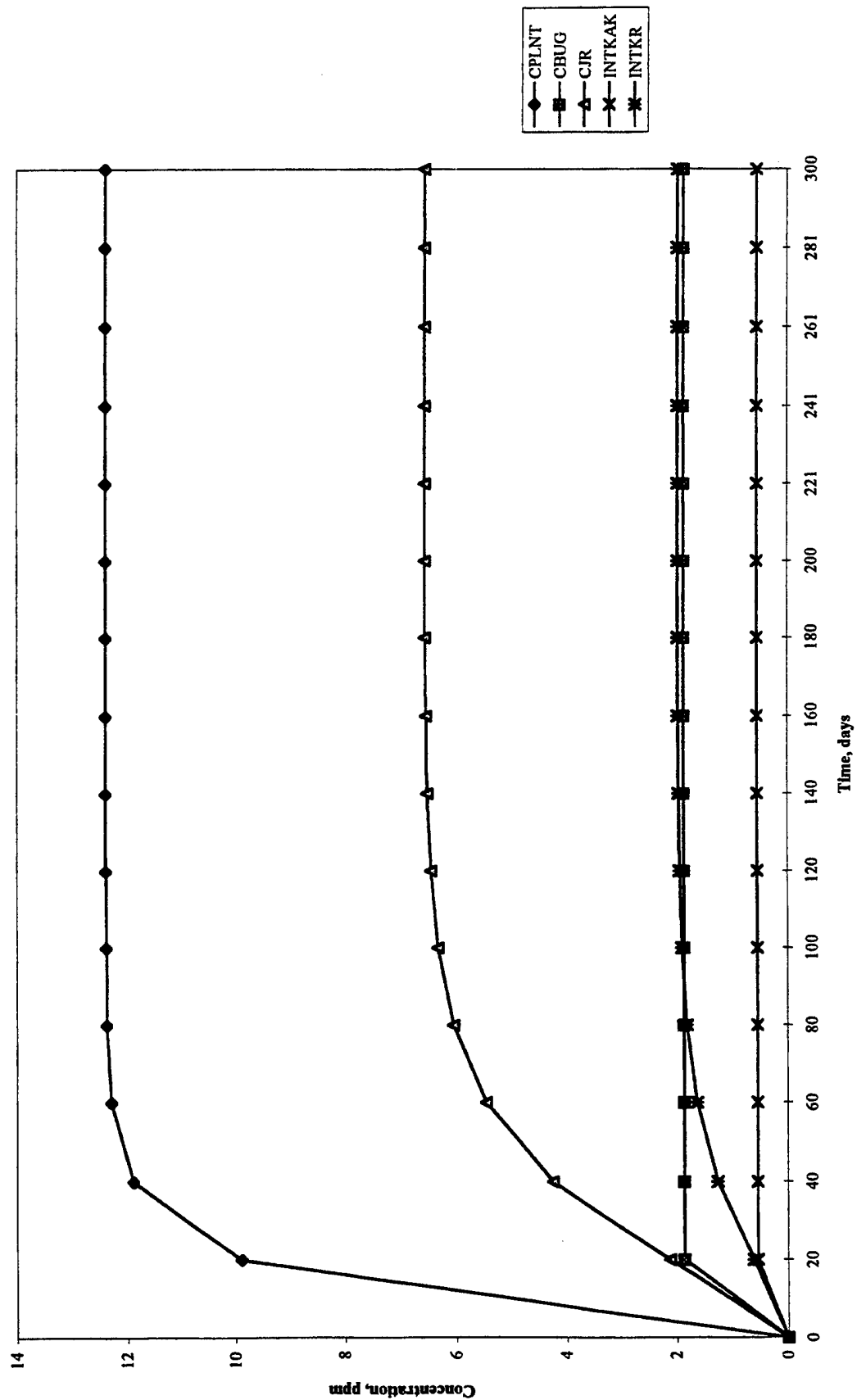
Bioaccumulation Model Results for Barium in Plants, Jackrabbits, and Invertebrates at SWMU 1b



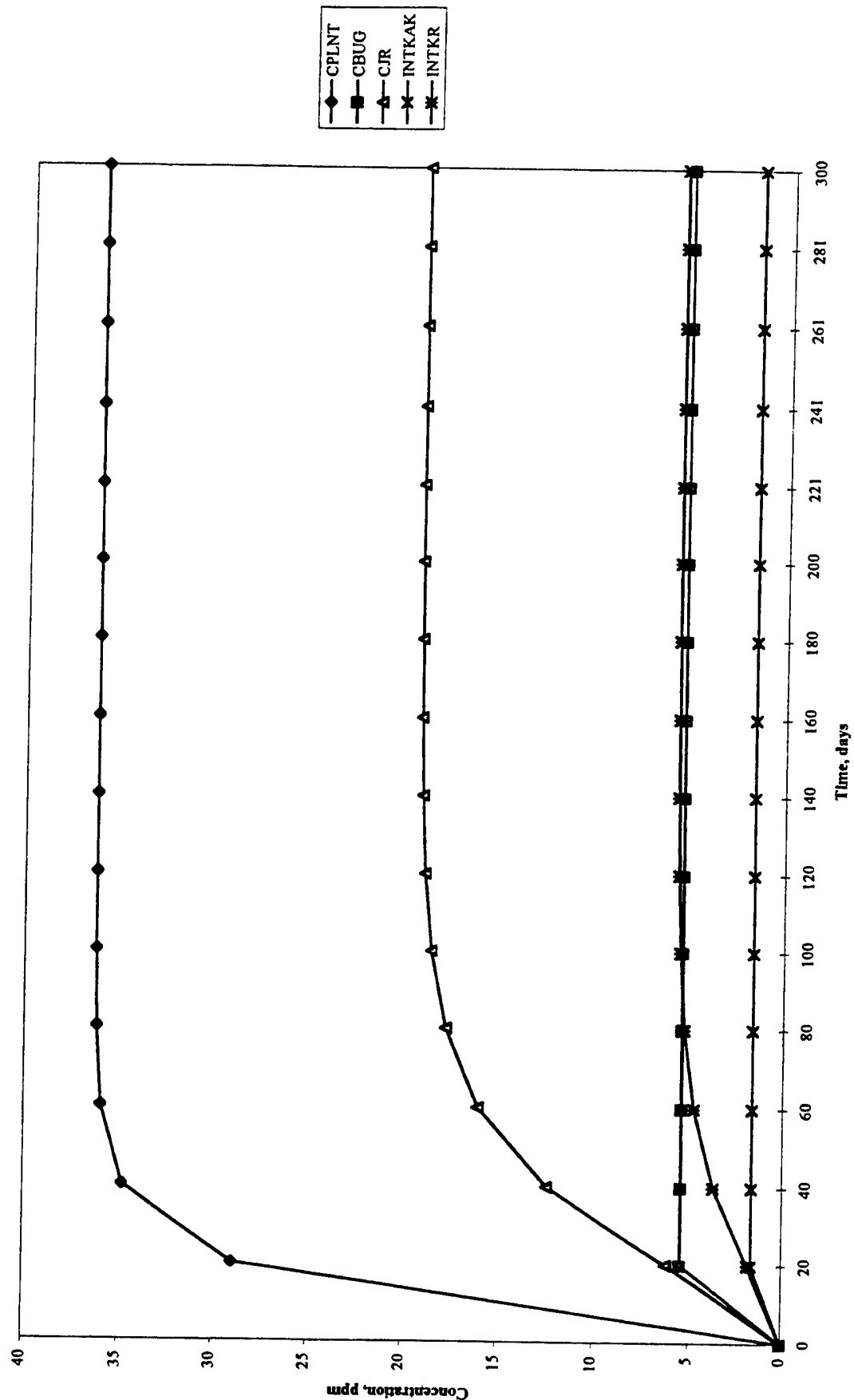
Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 1c



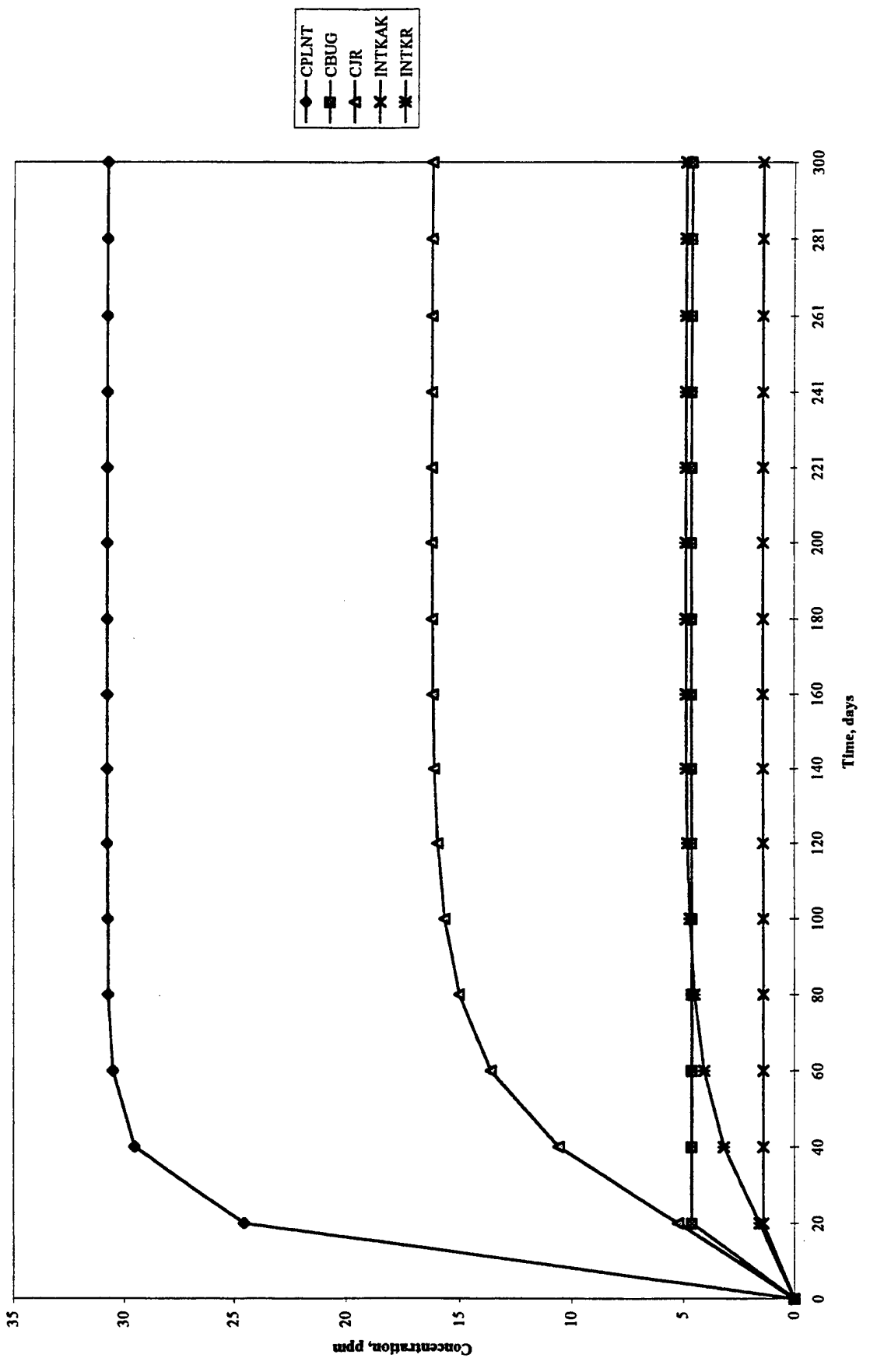
Bioaccumulation Model for Barium in Plants, Jackrabbits and Invertebrates at SWMU 10



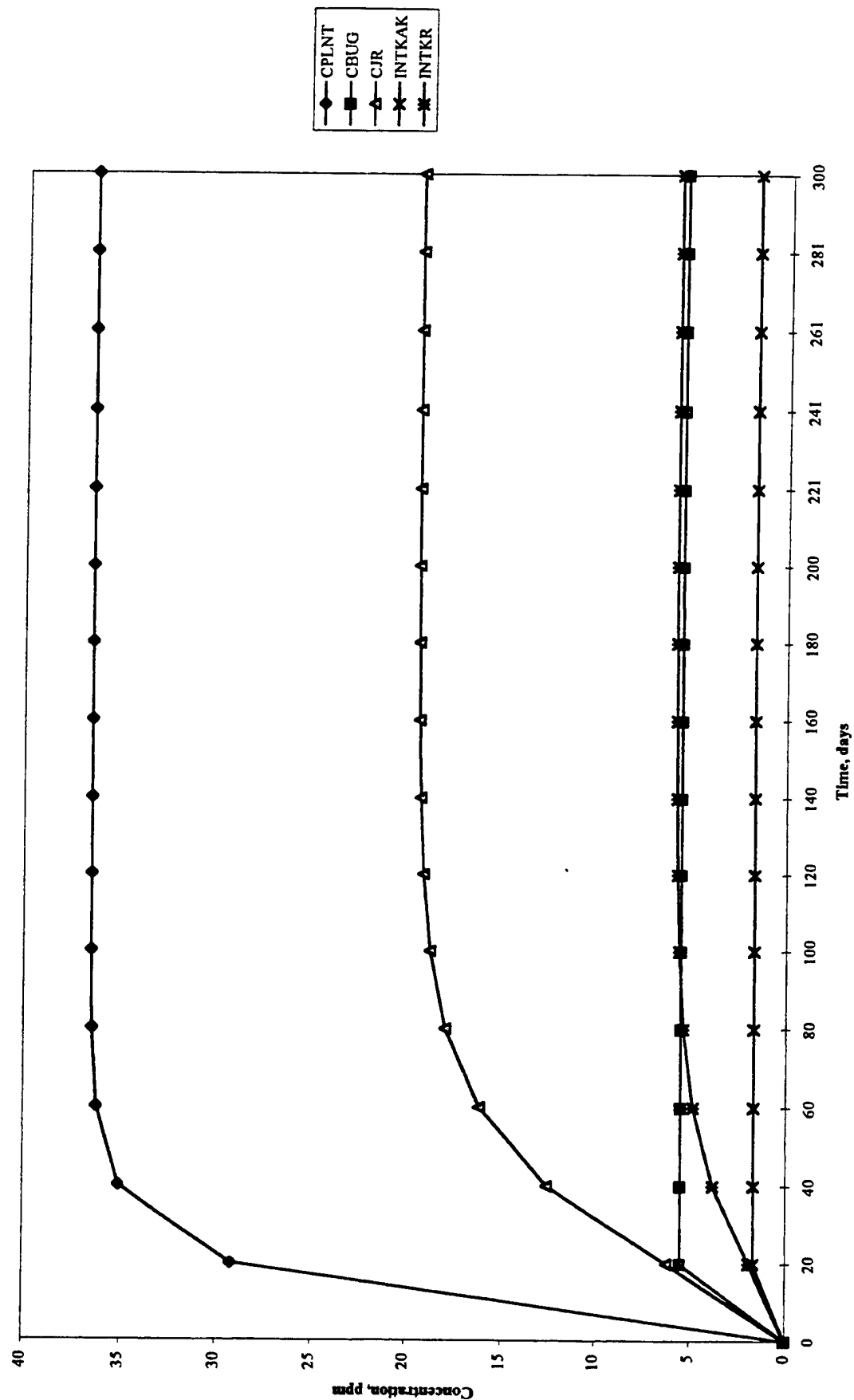
Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 11



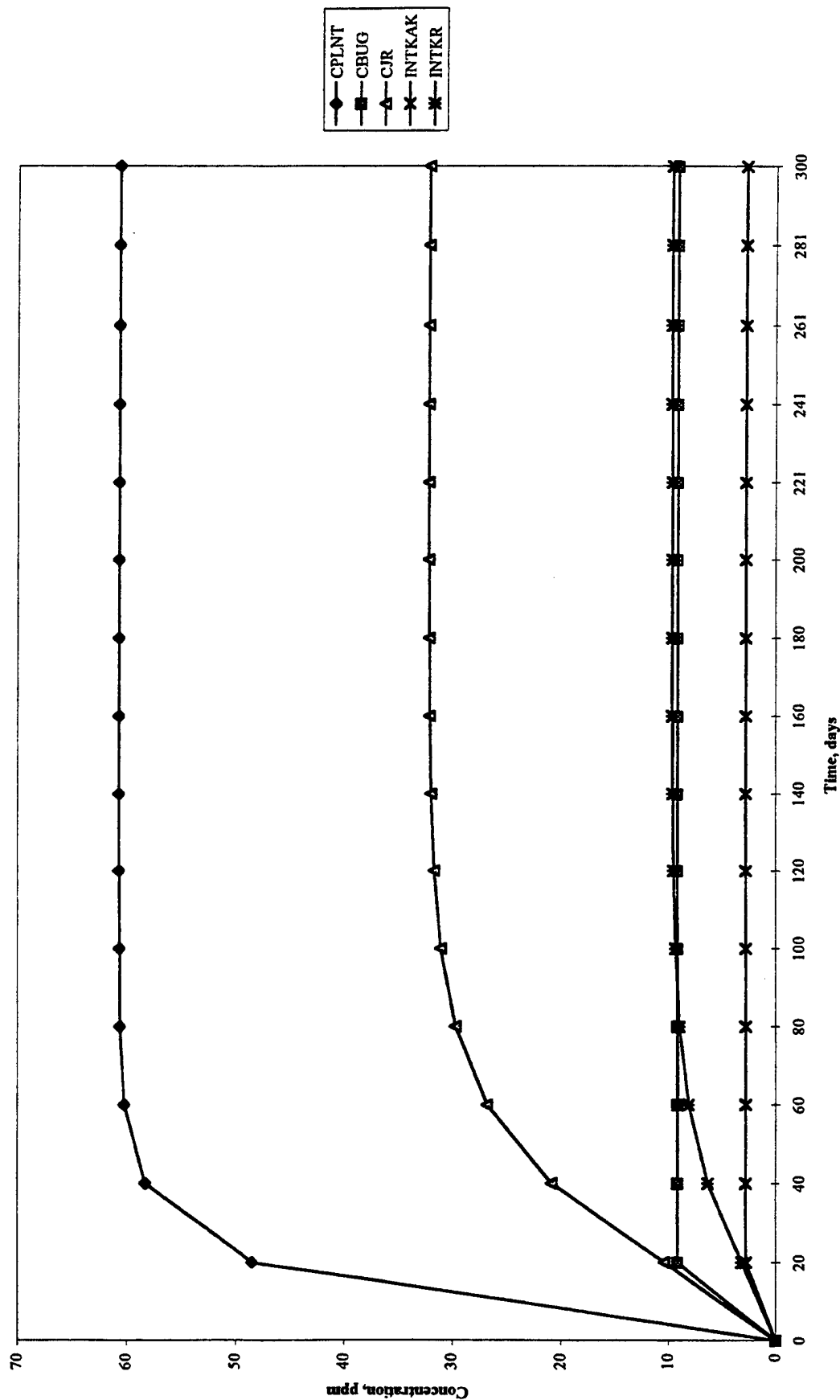
Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 12



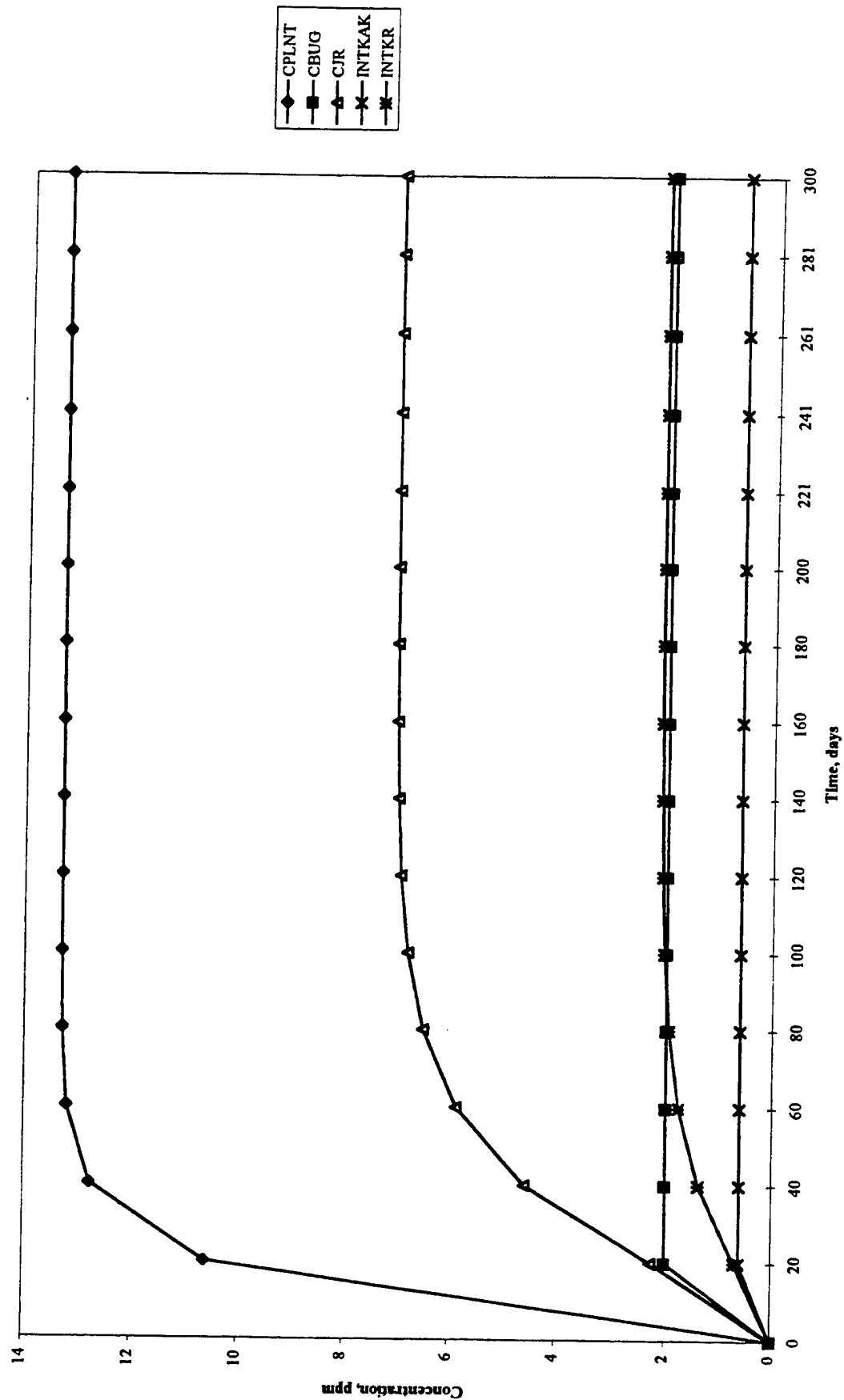
Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 15



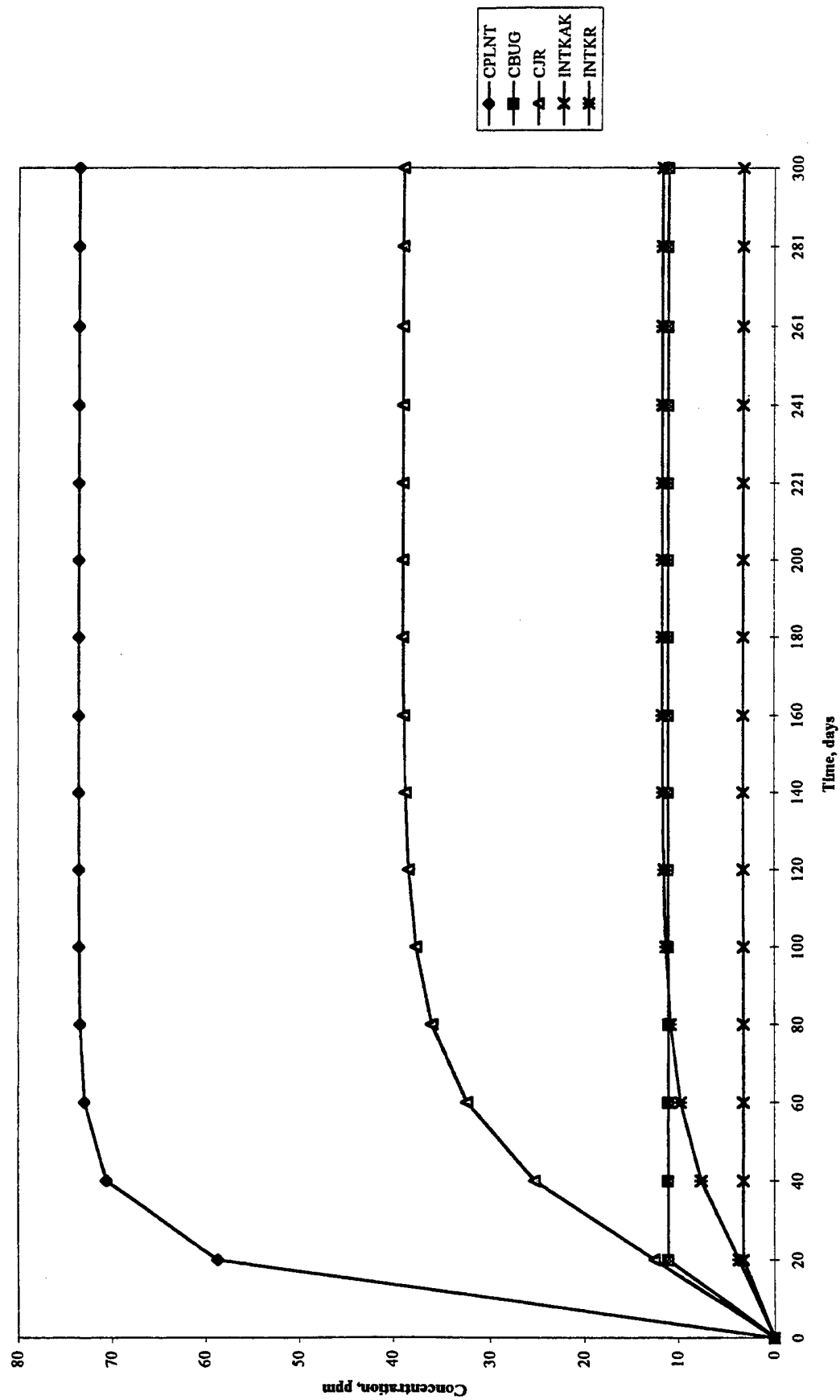
Bioaccumulation Model Results for Barium in Plants, Jackrabbits, and Invertebrates at SWMU 21



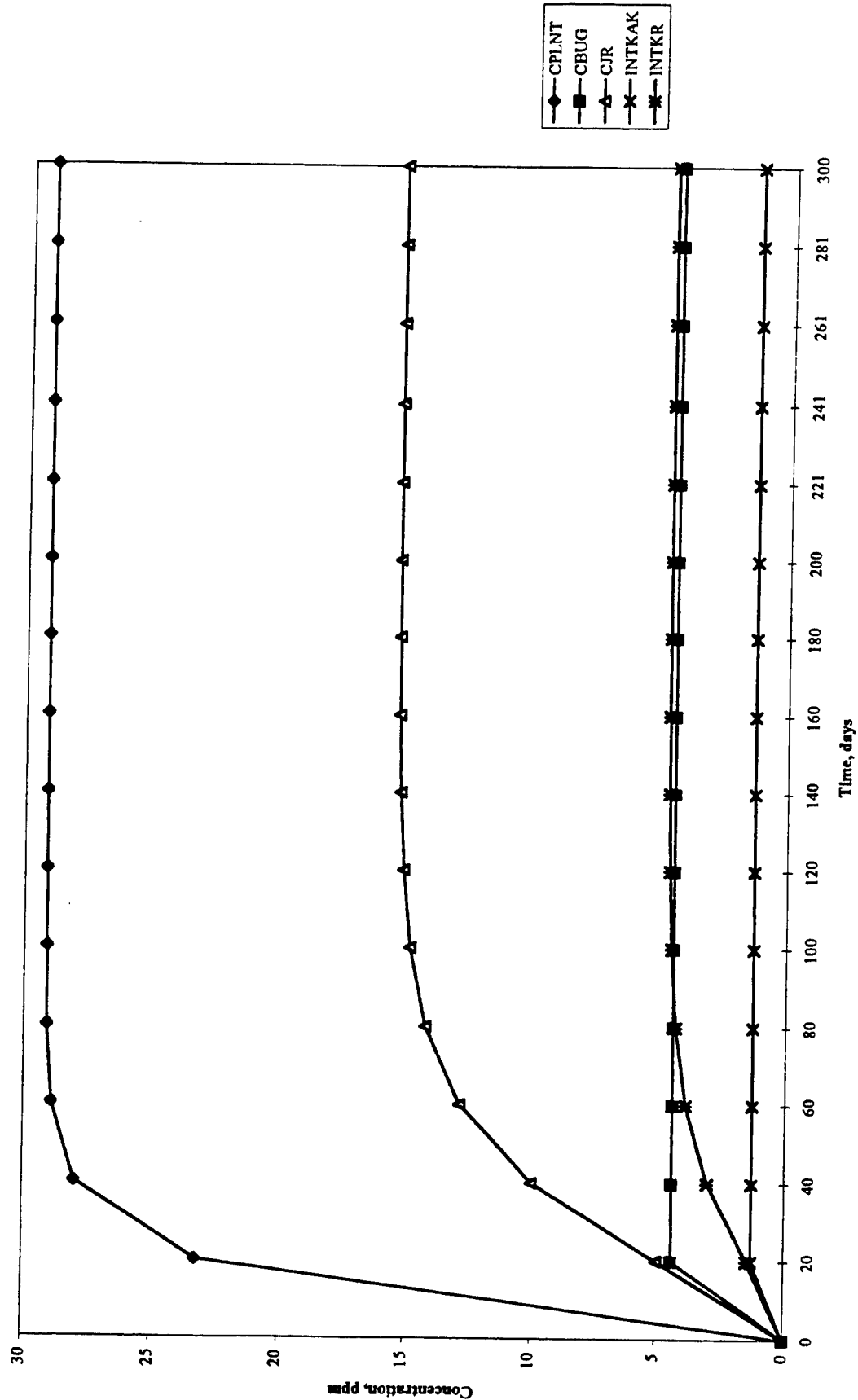
Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 37



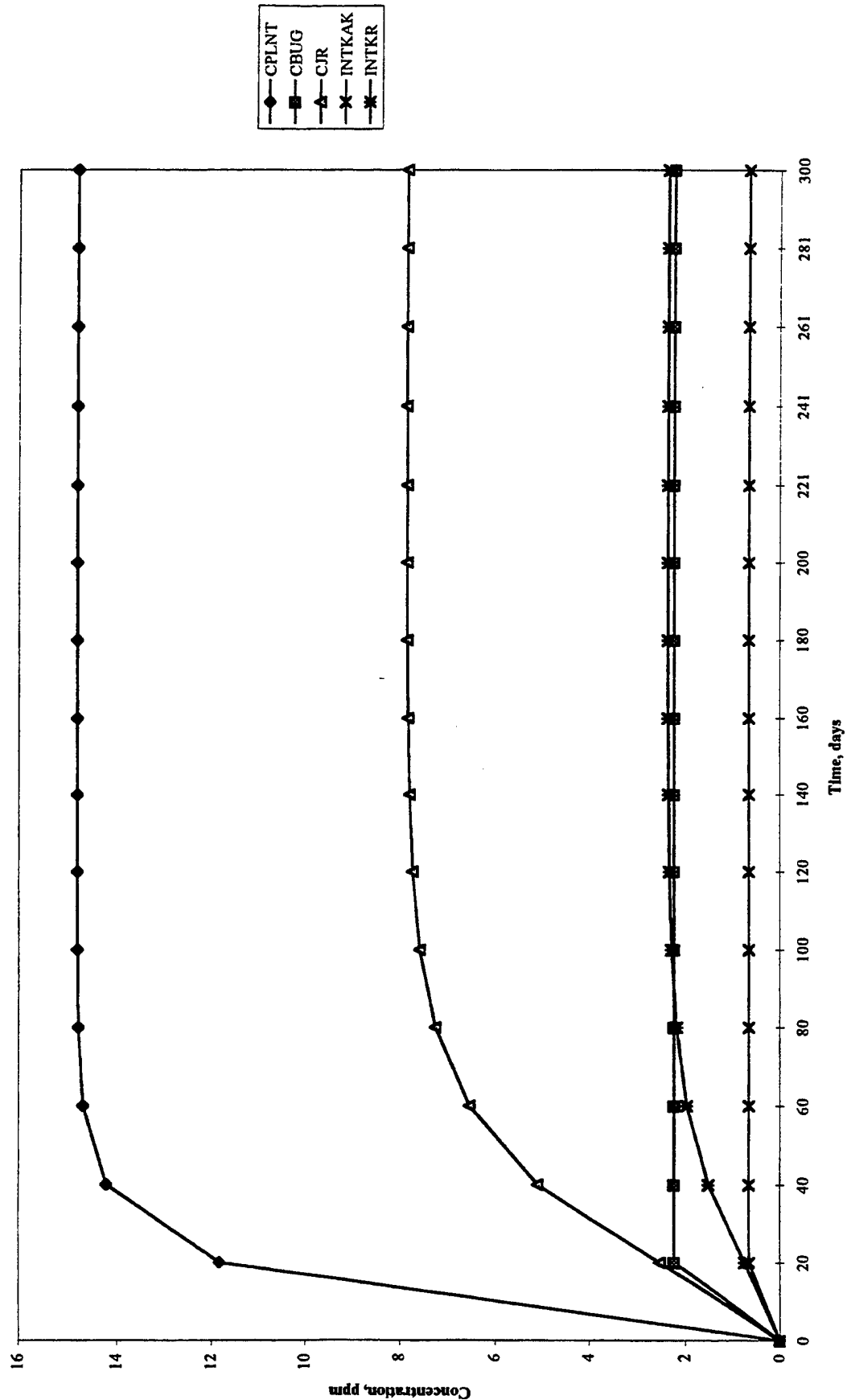
Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 42



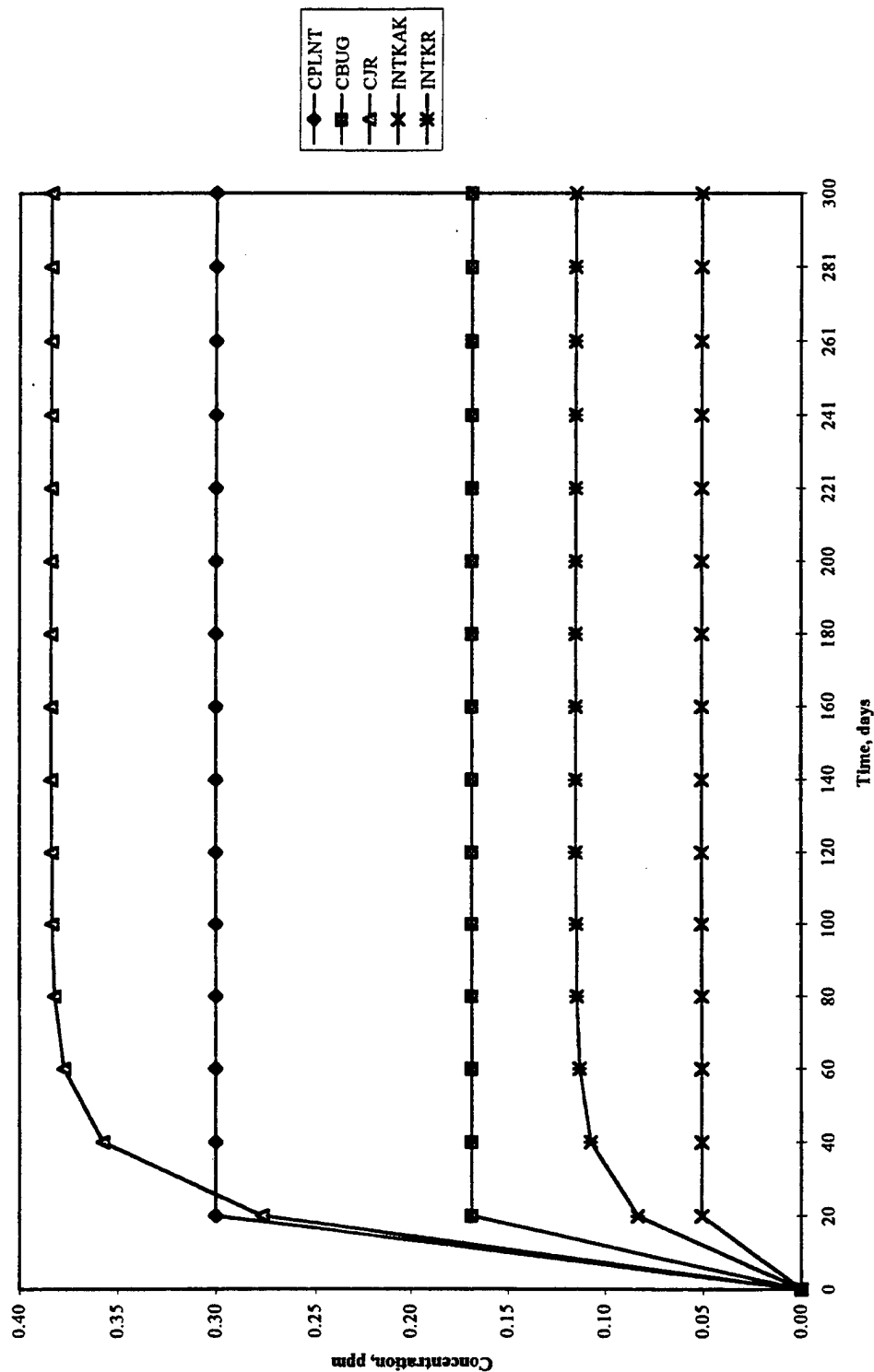
Bioaccumulation Model Results for Barium in Plants, Jackrabbits and Invertebrates at SWMU 45



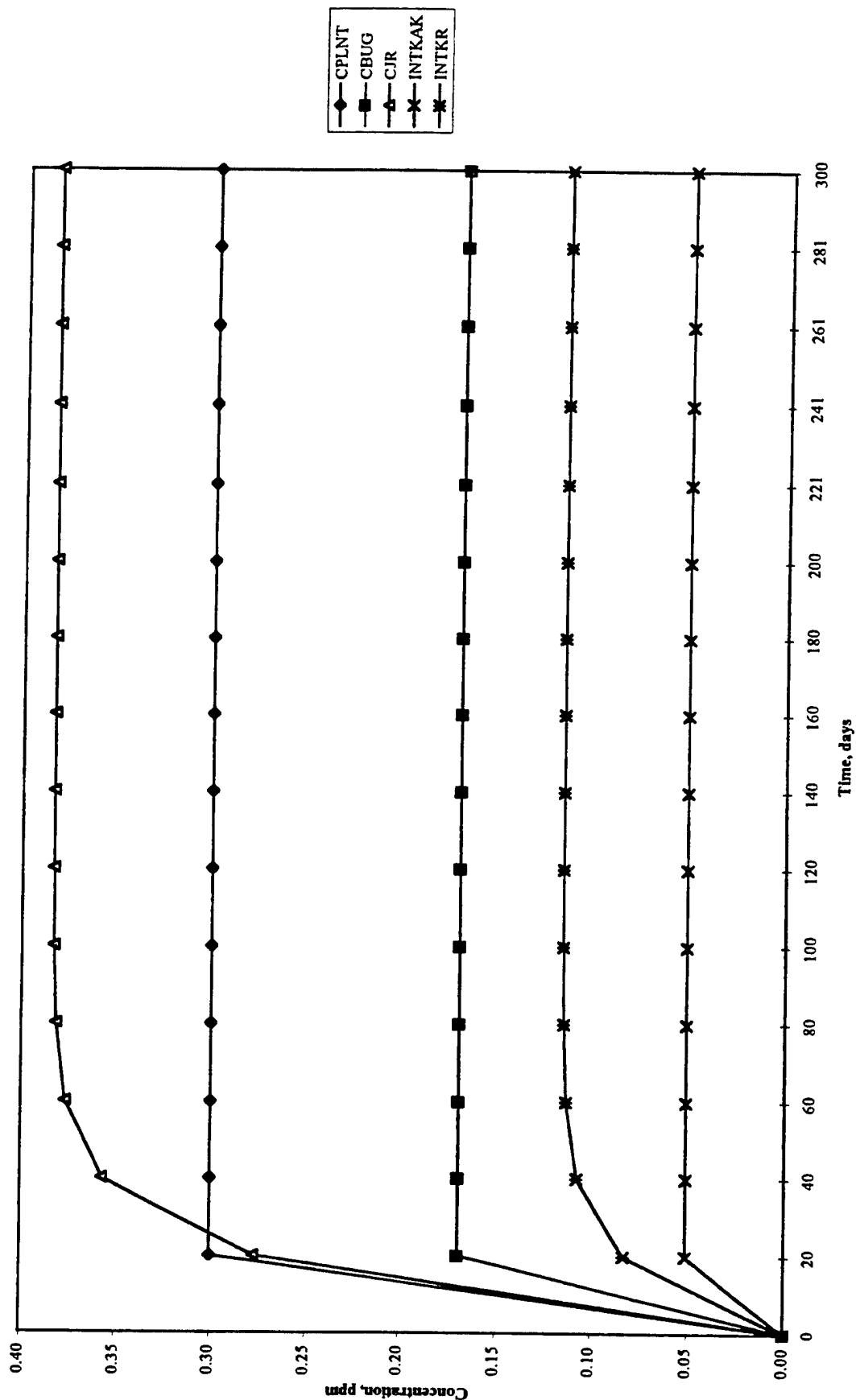
**Bioaccumulation Model Results for Barium in
Plants, Jackrabbits and Invertebrates at the RSA**



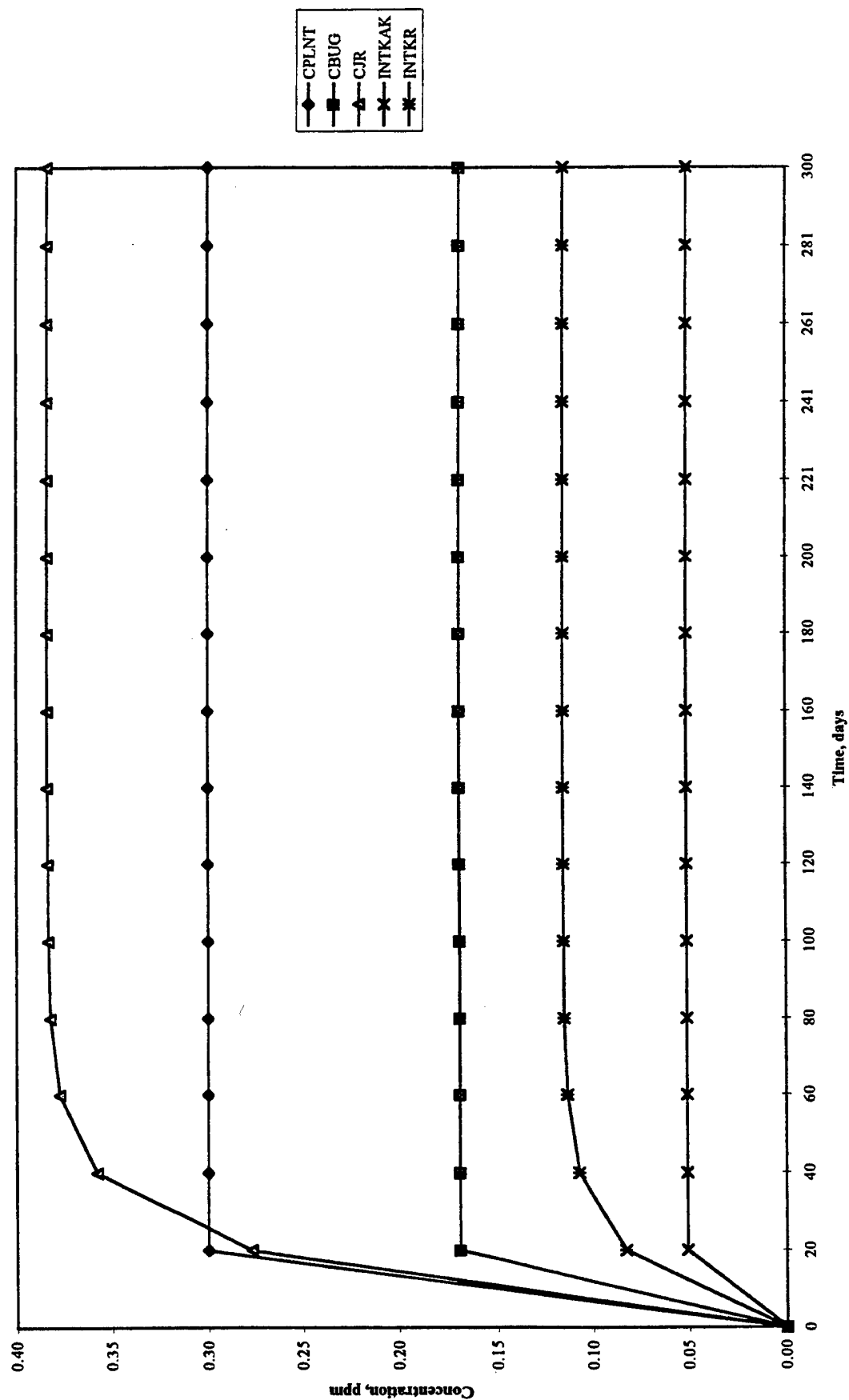
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 1b



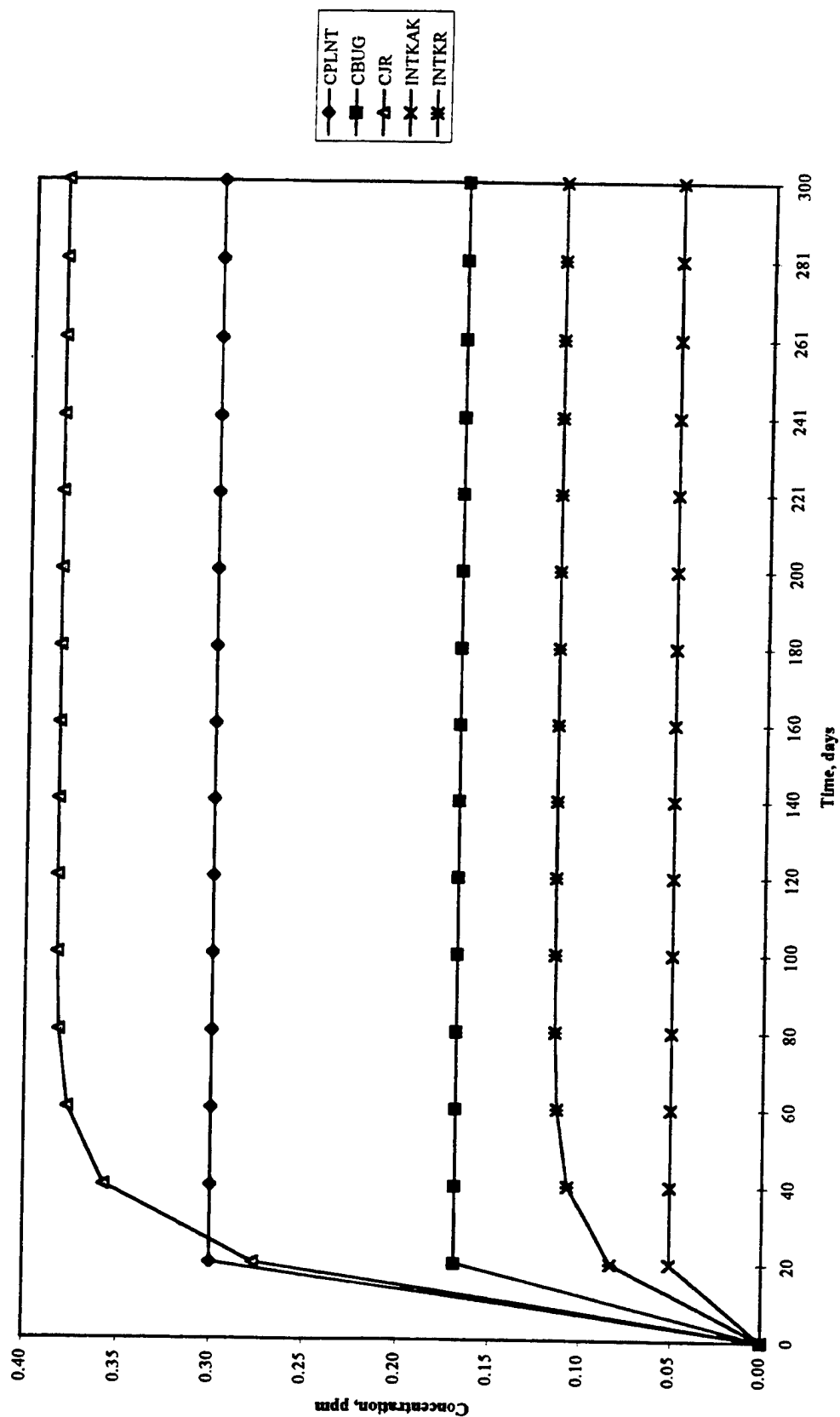
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 1c



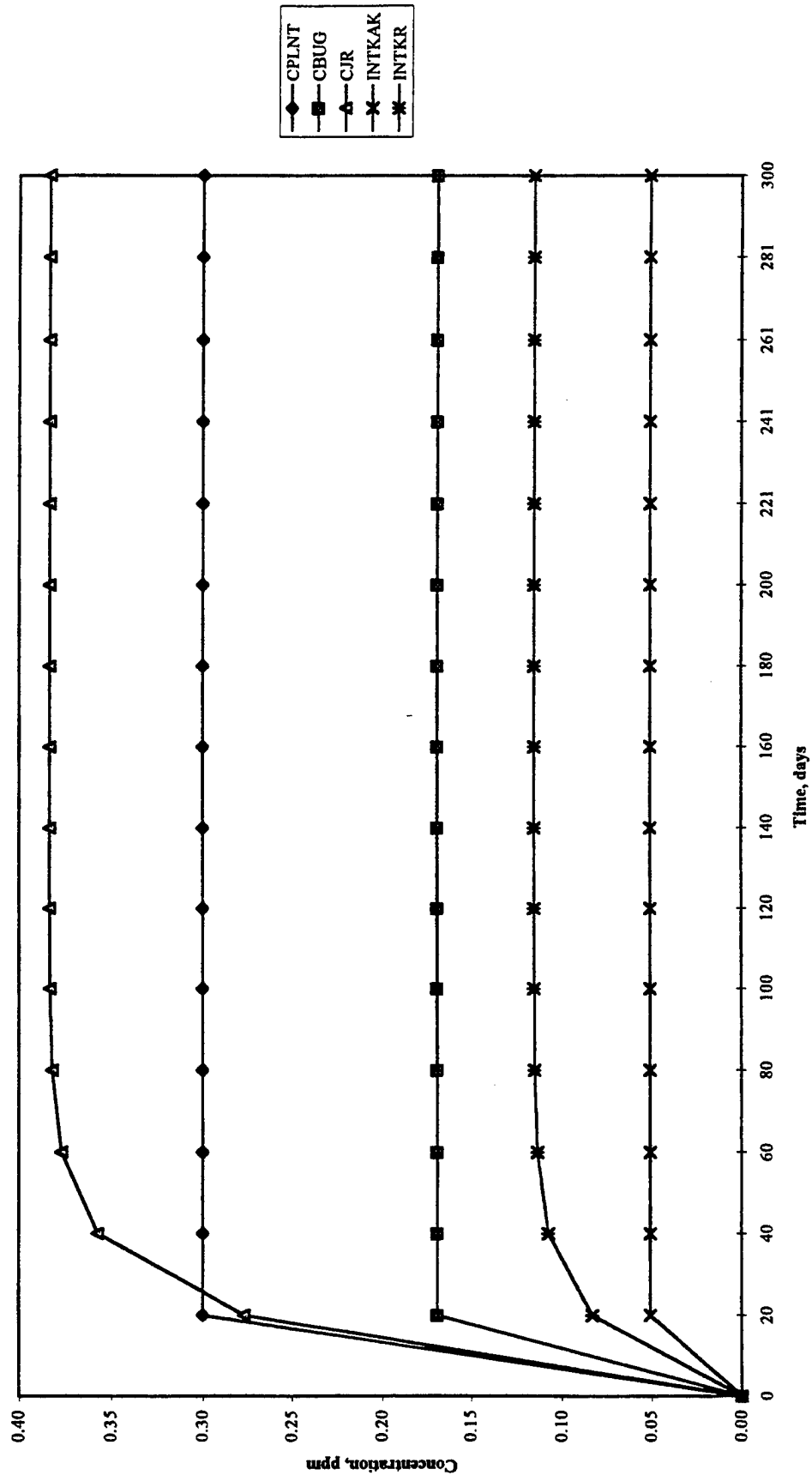
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 10



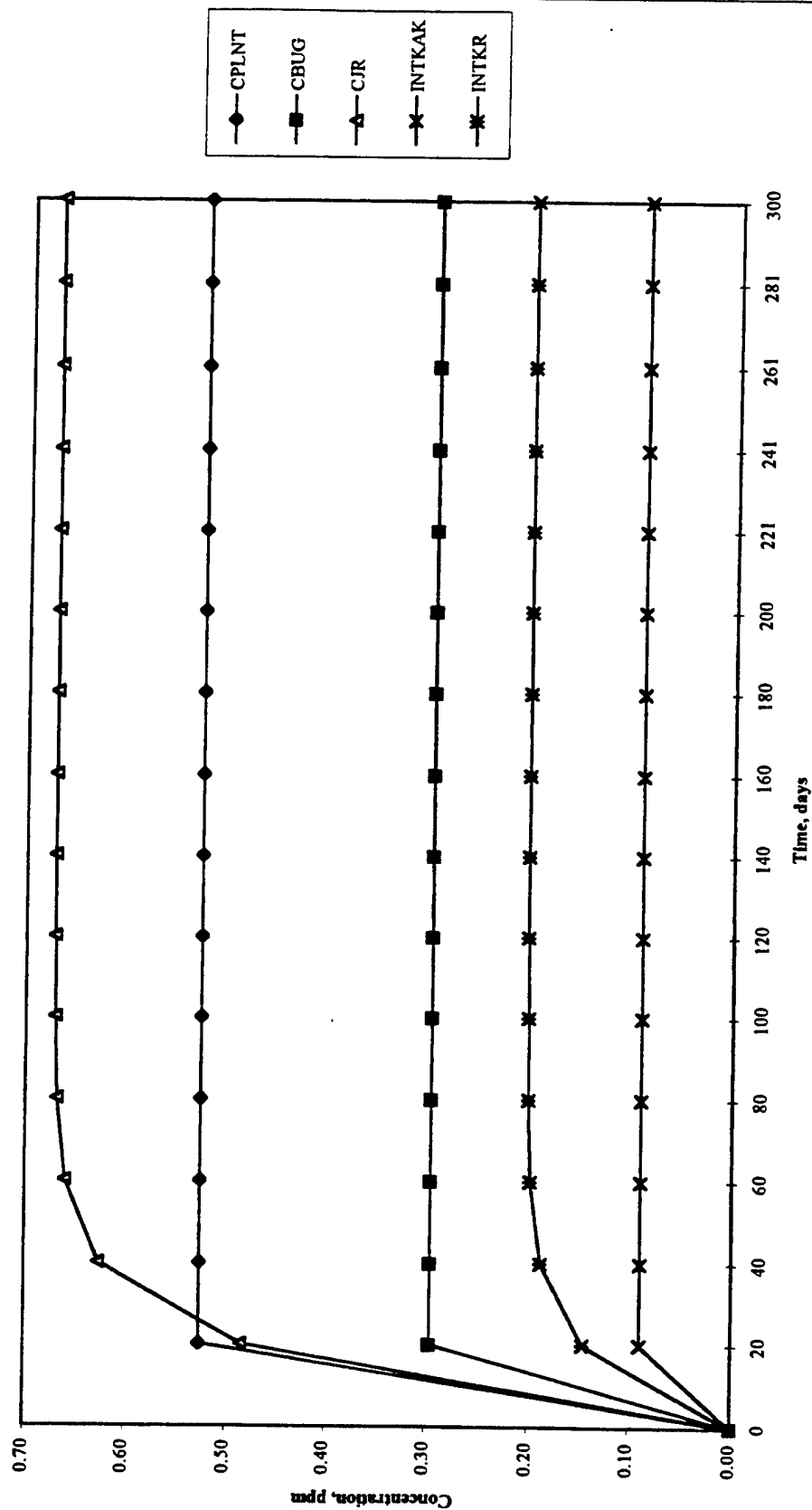
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 11



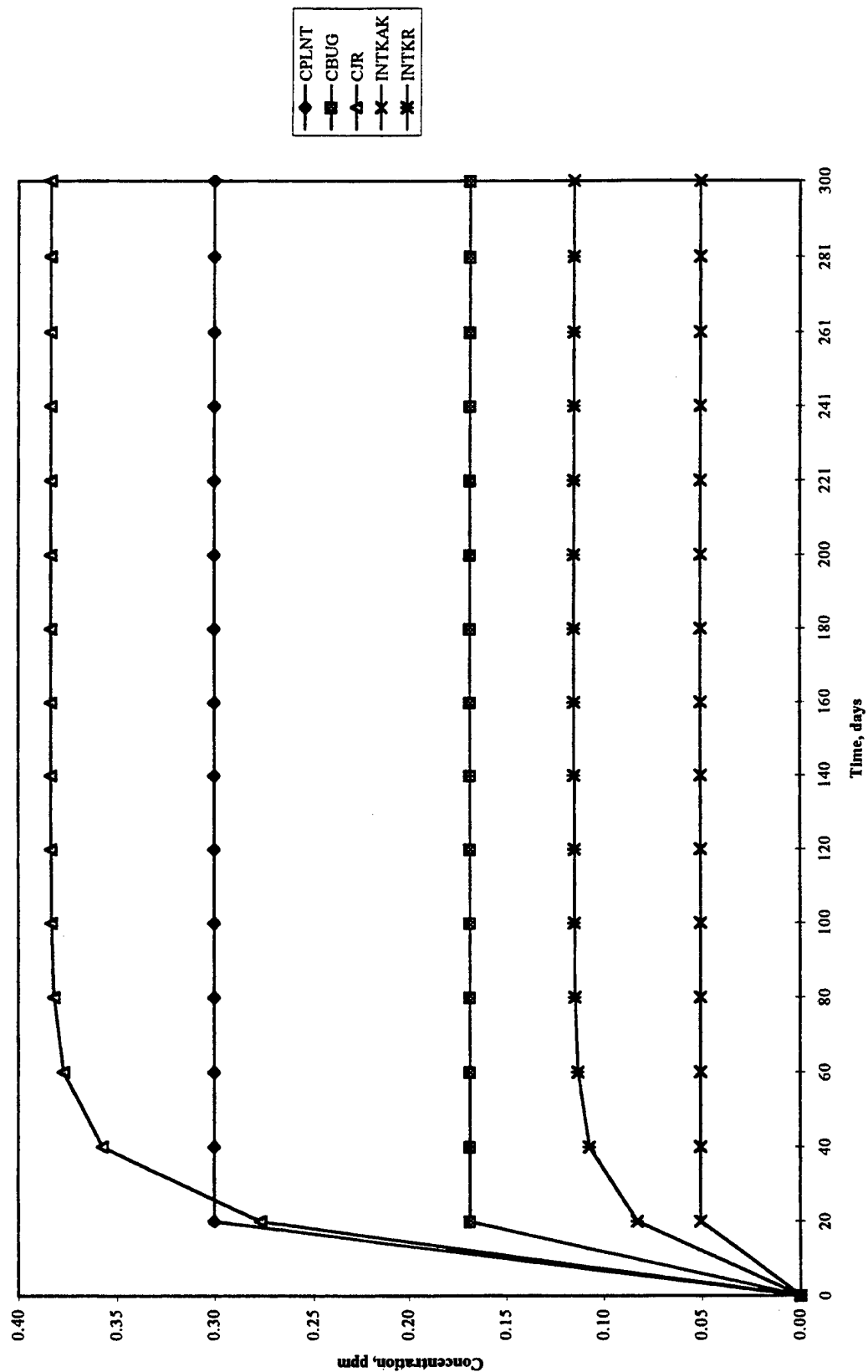
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 12



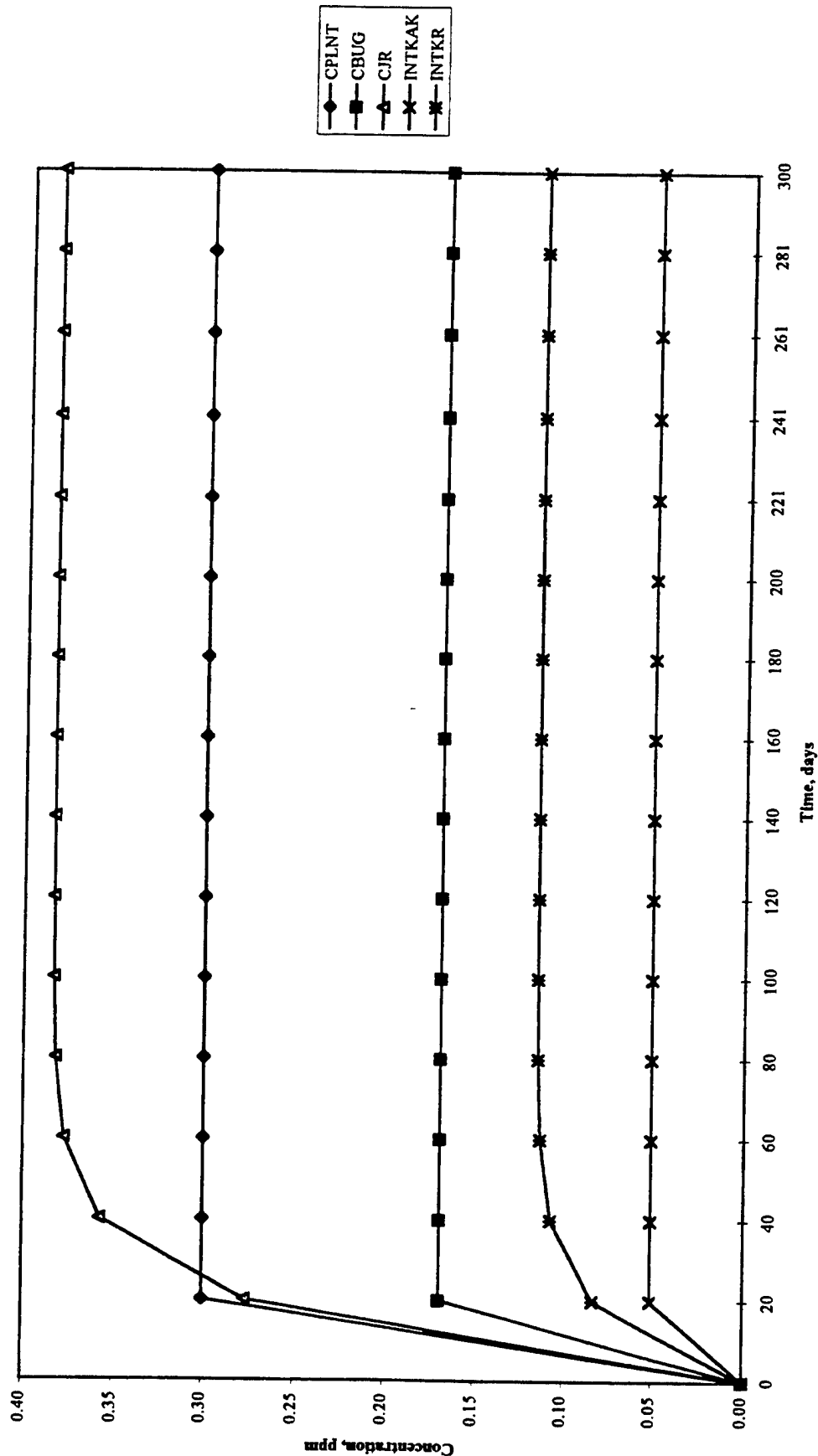
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 15



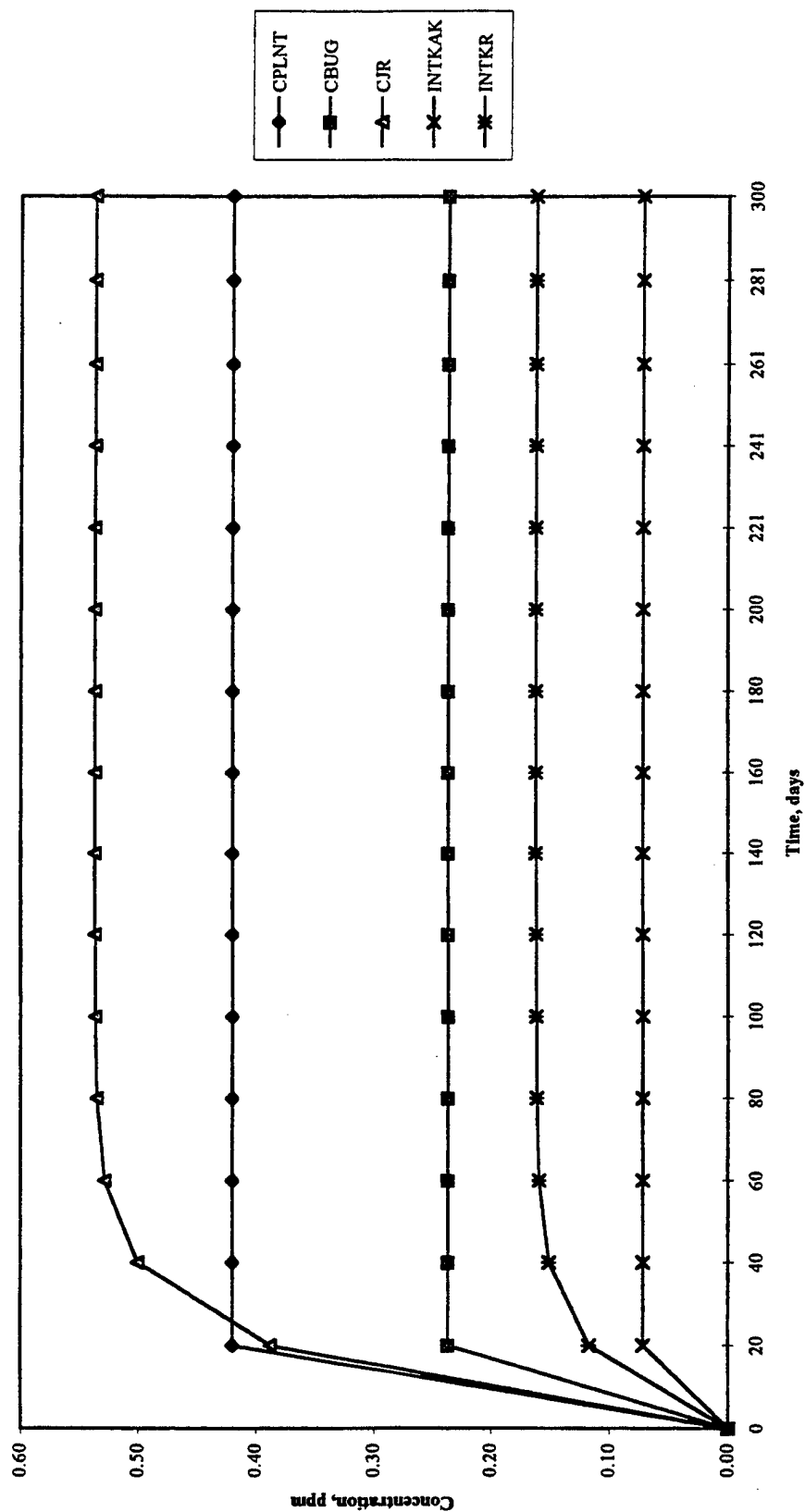
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 21



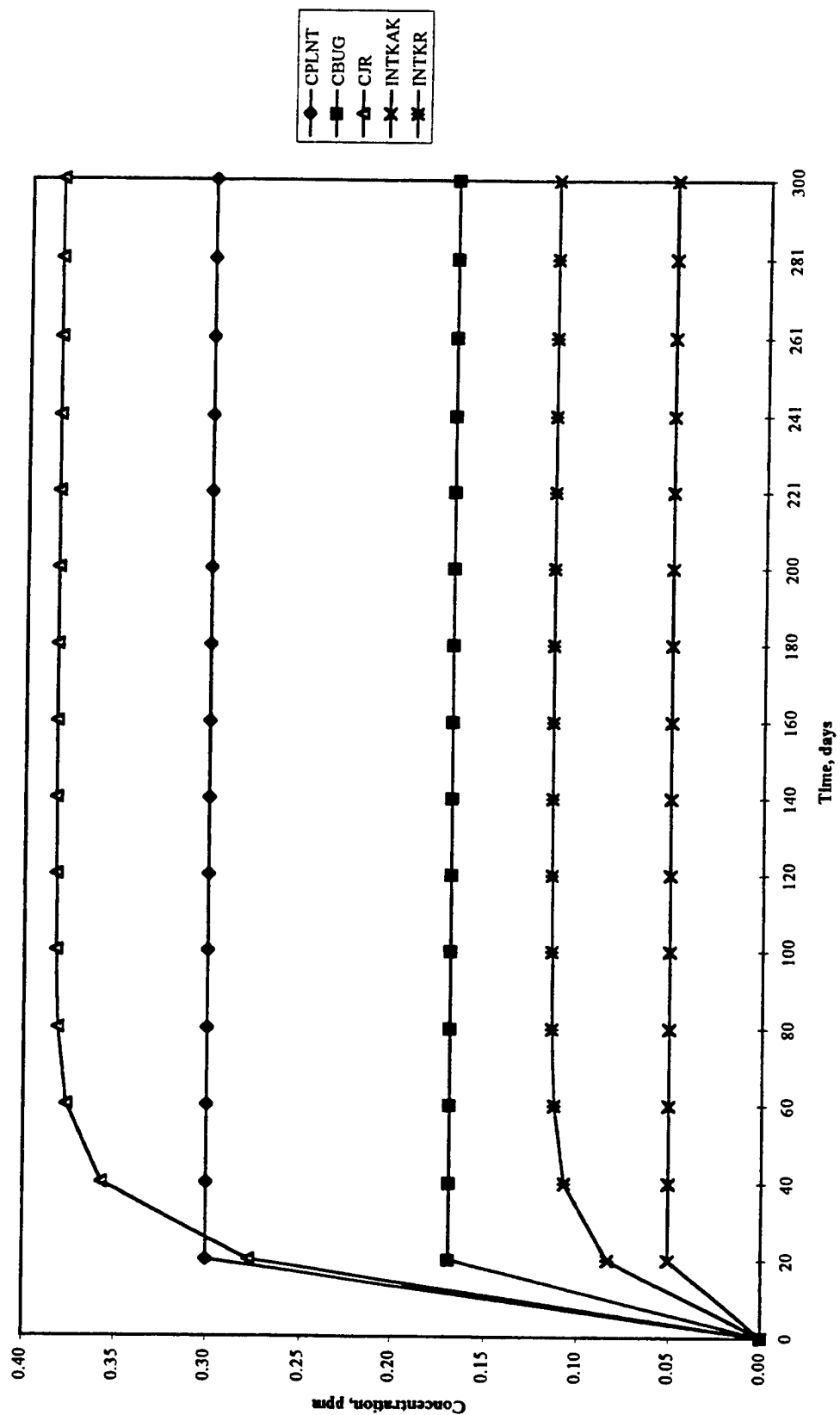
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 37



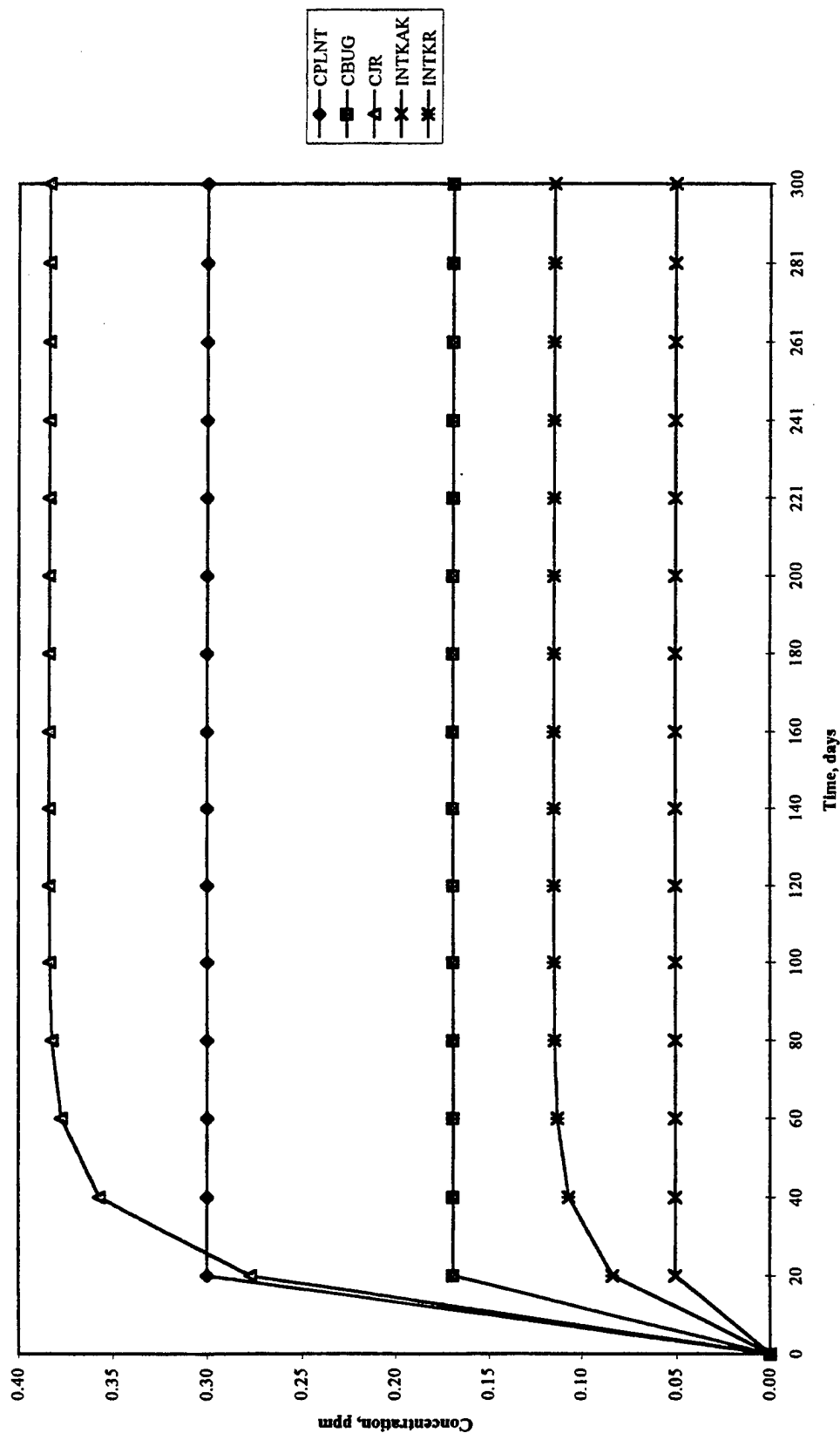
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits, and Invertebrates at SWMU 42



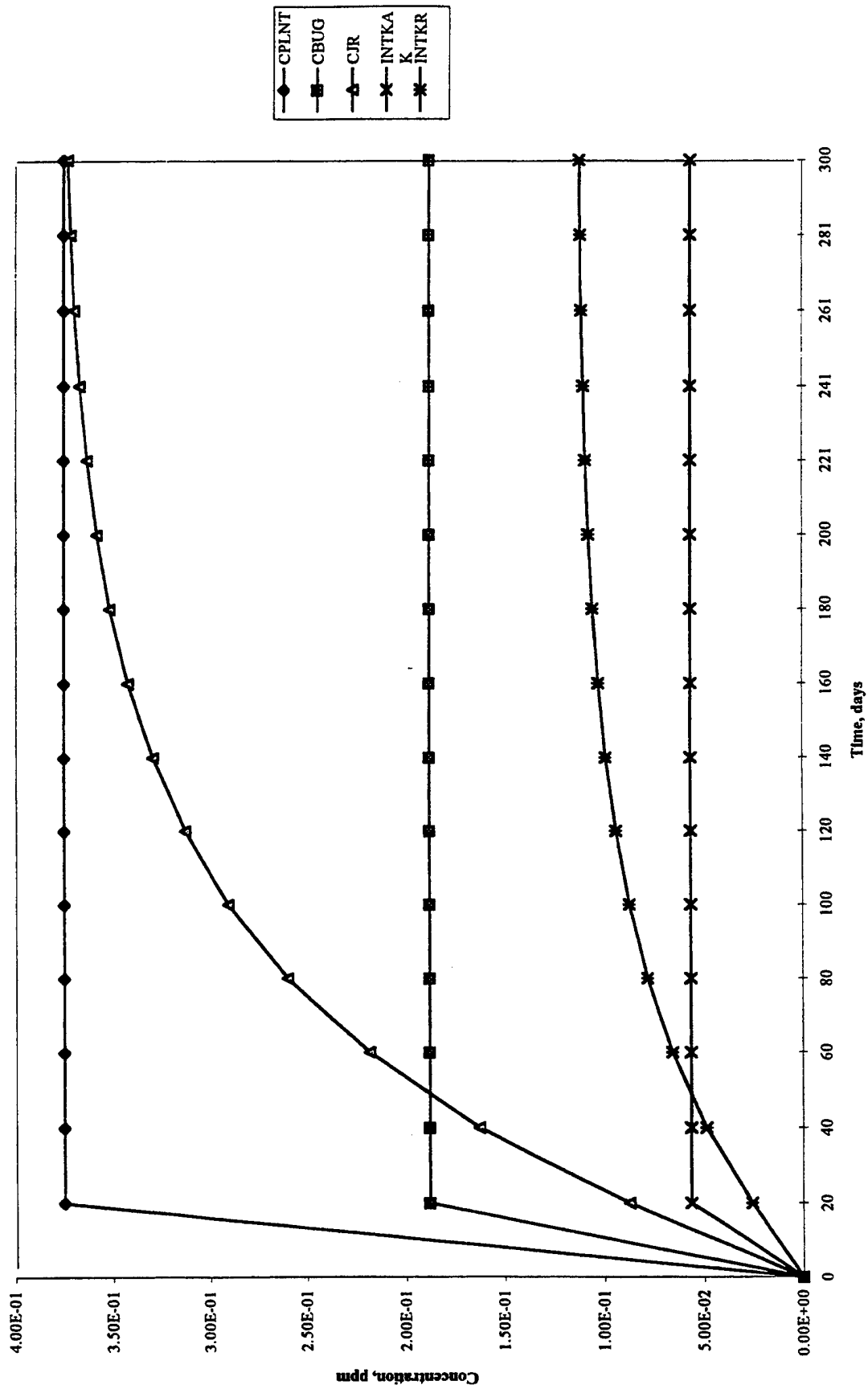
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at SWMU 45



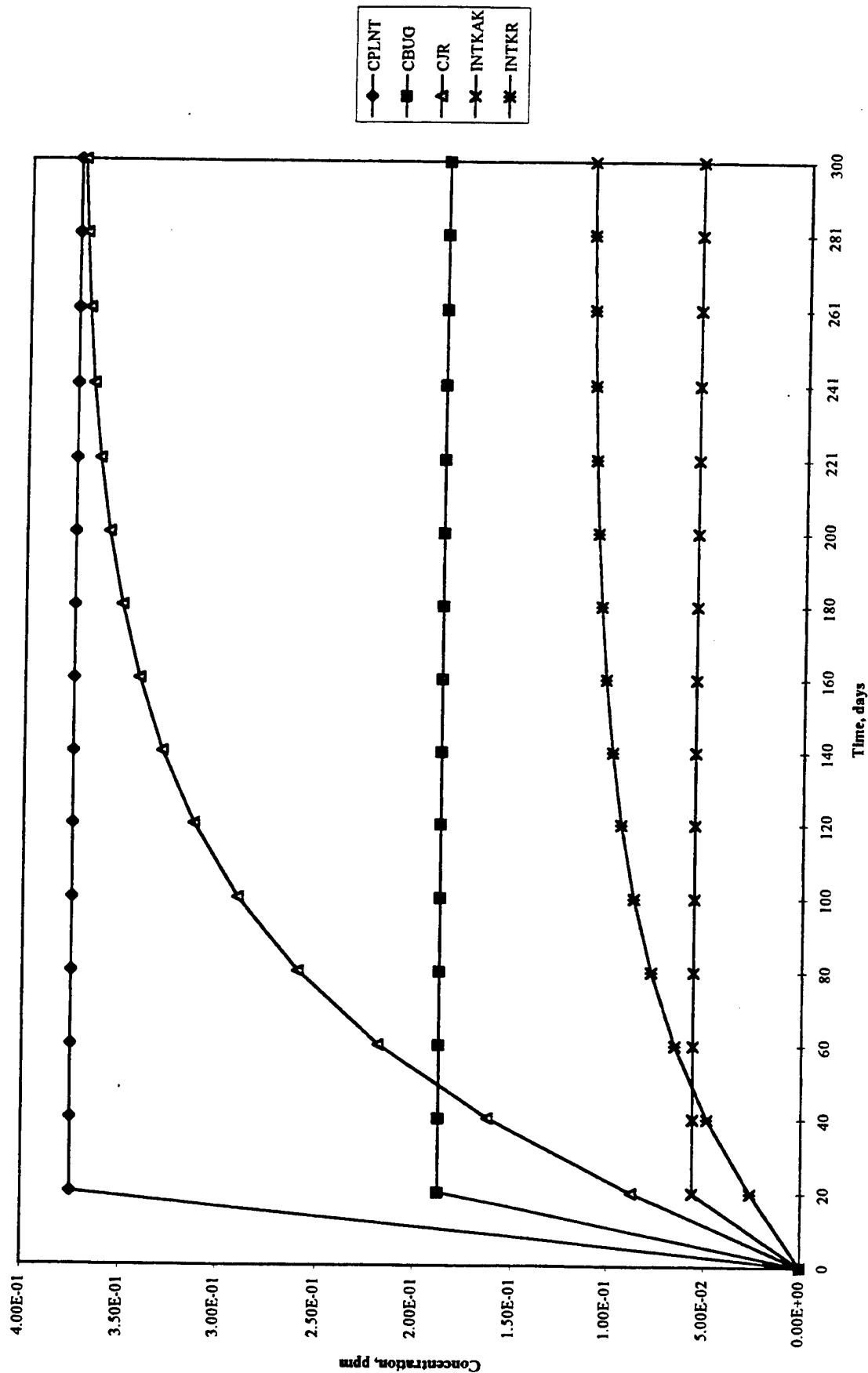
Bioaccumulation Model Results for Selenium in Plants, Jackrabbits and Invertebrates at the RSA



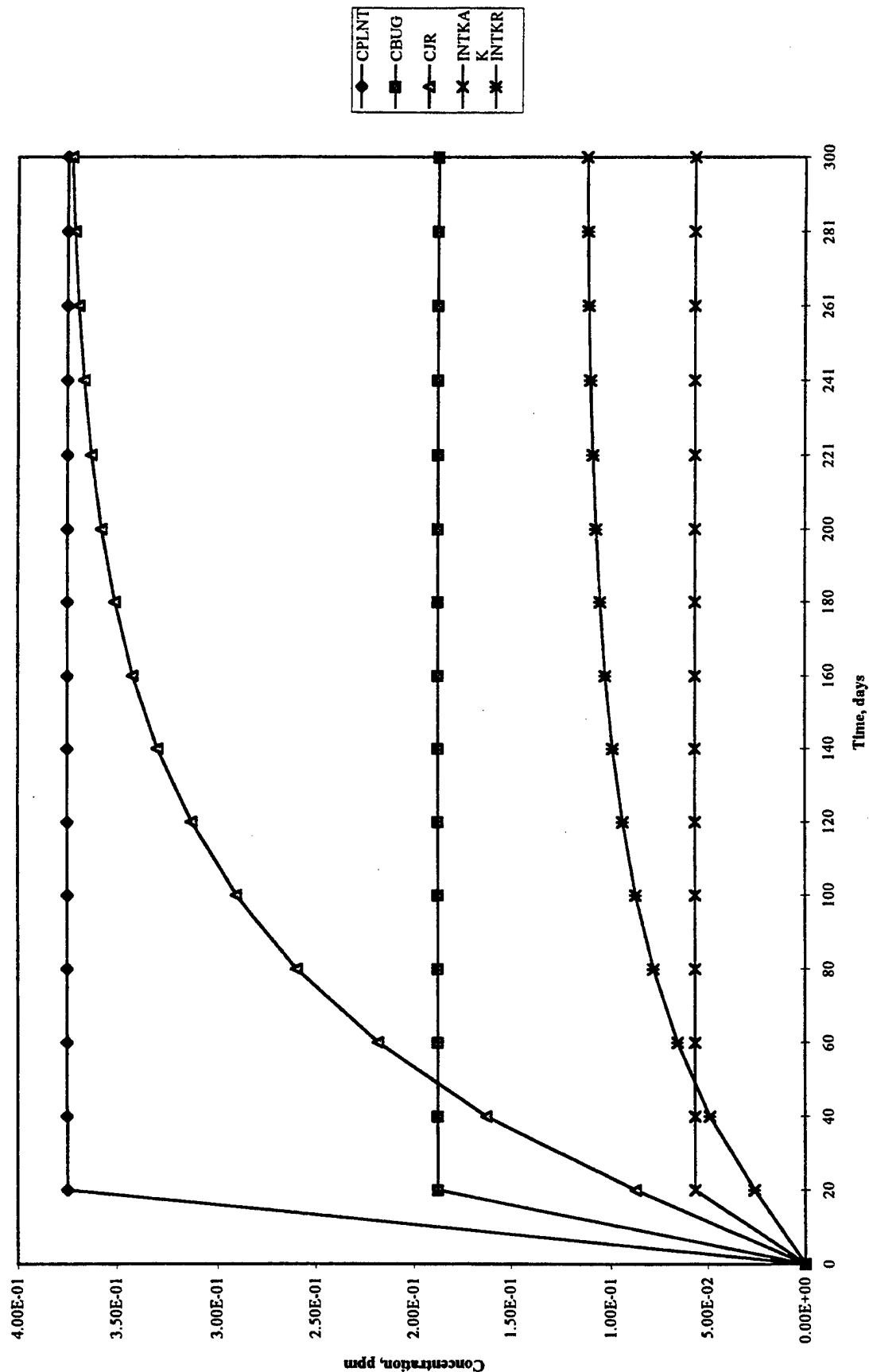
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 1b



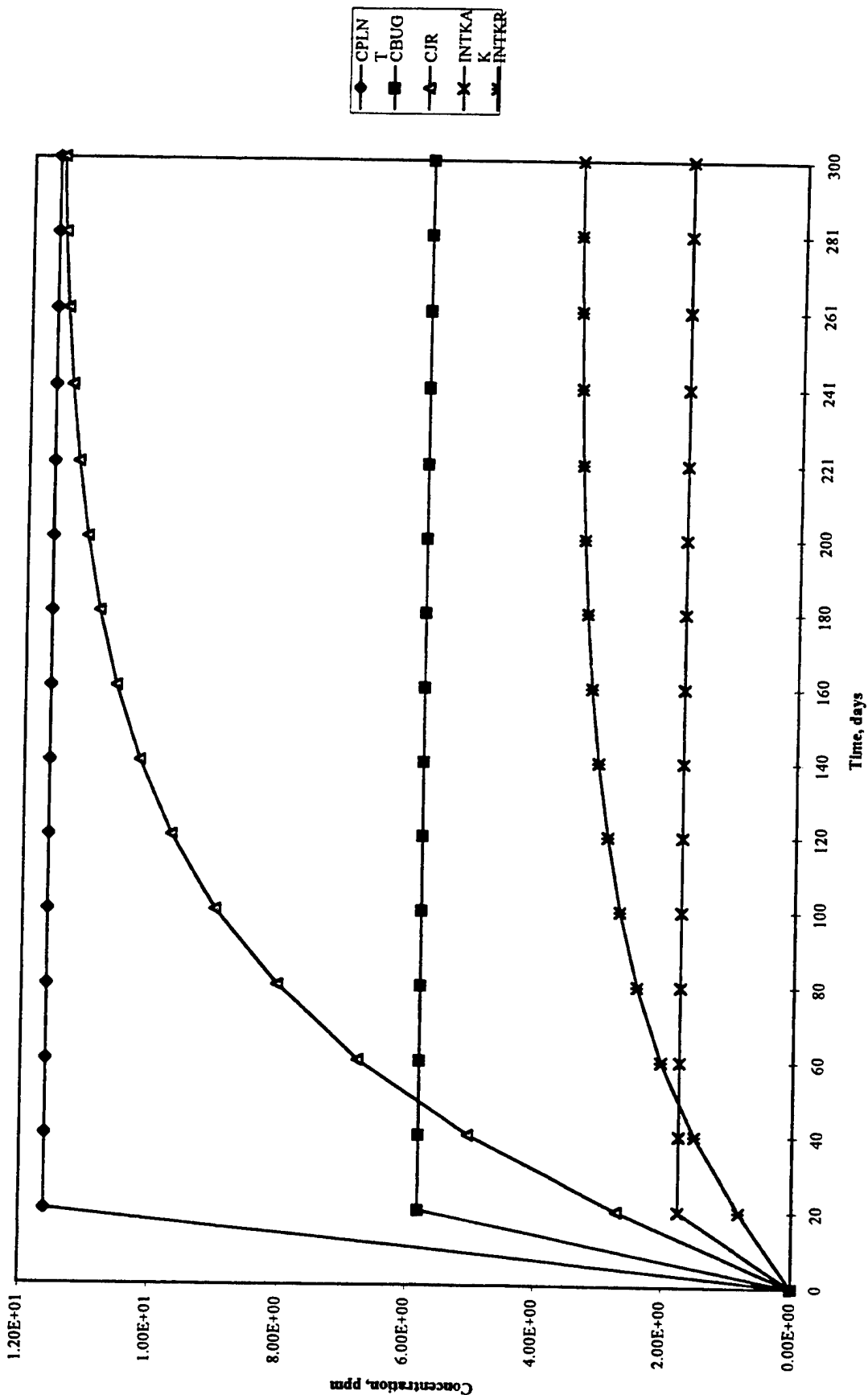
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 1c



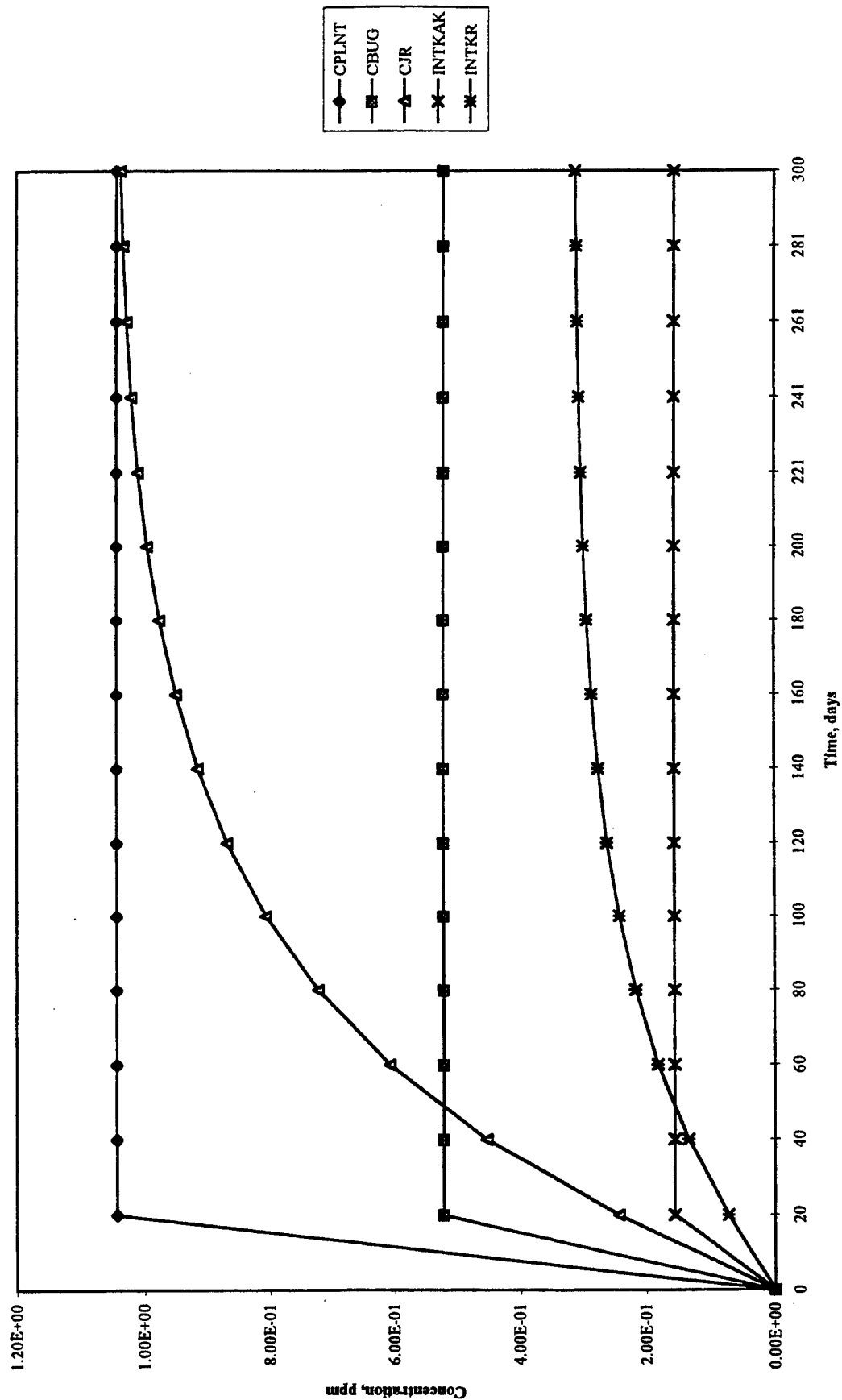
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 10



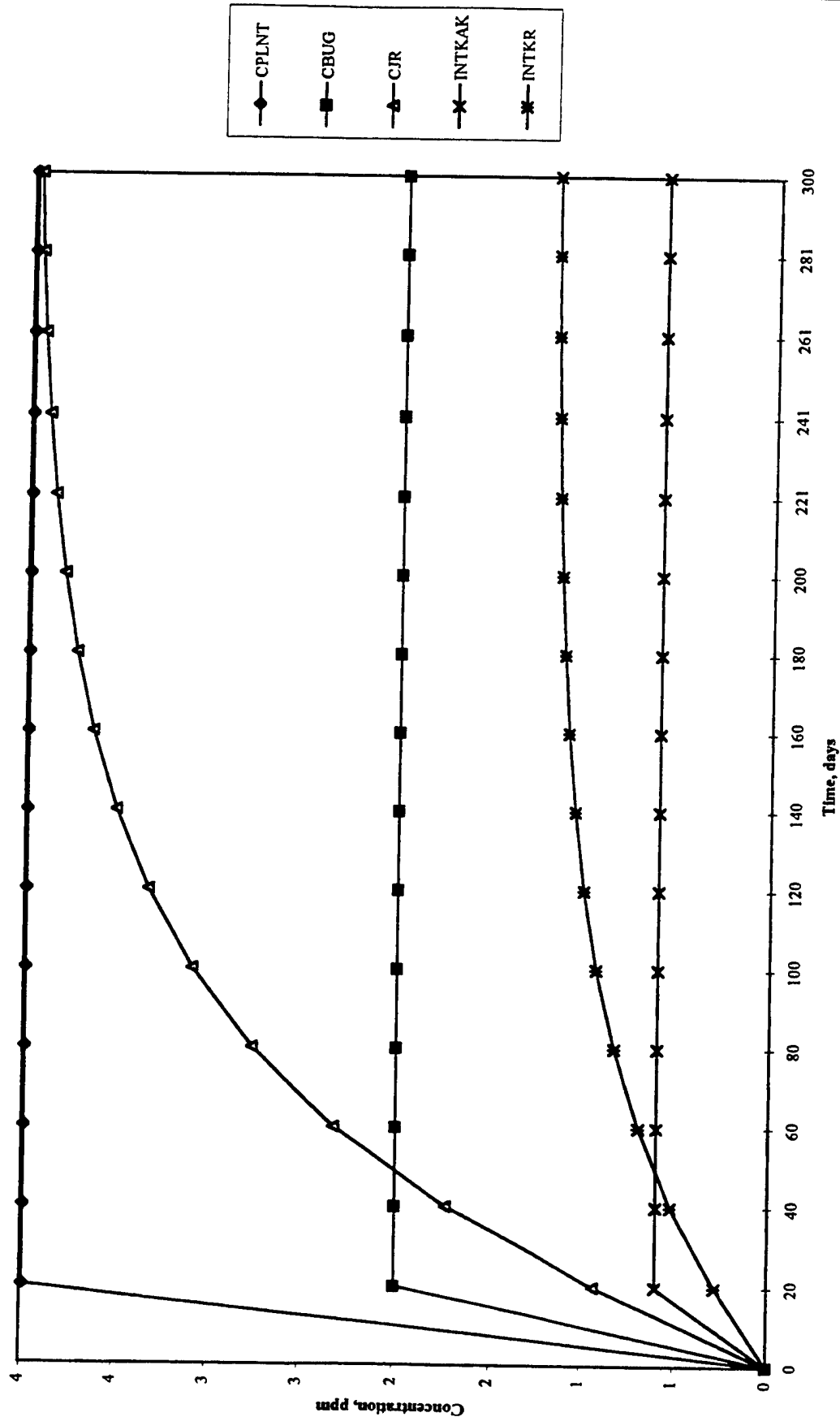
Biocumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 11



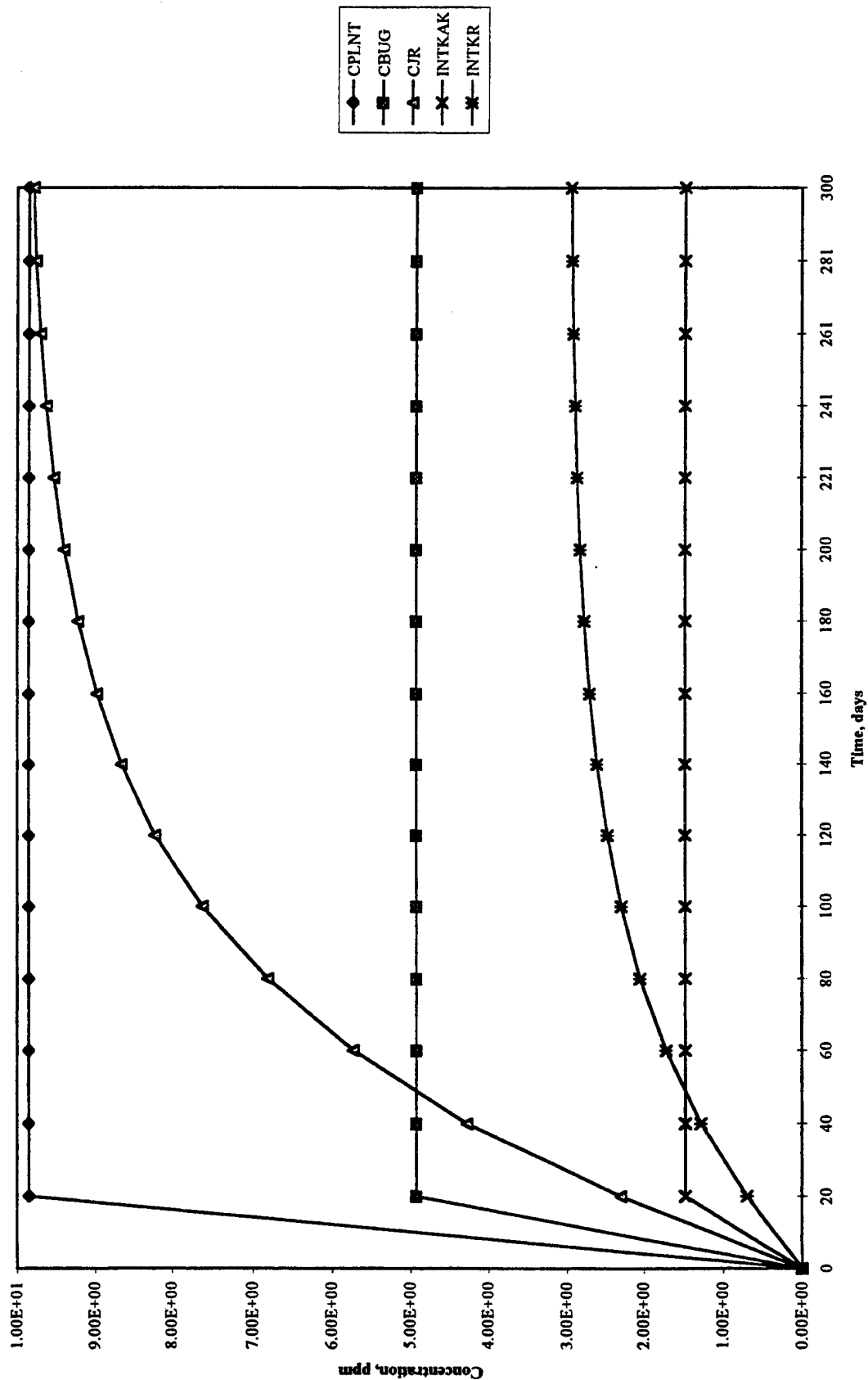
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 12



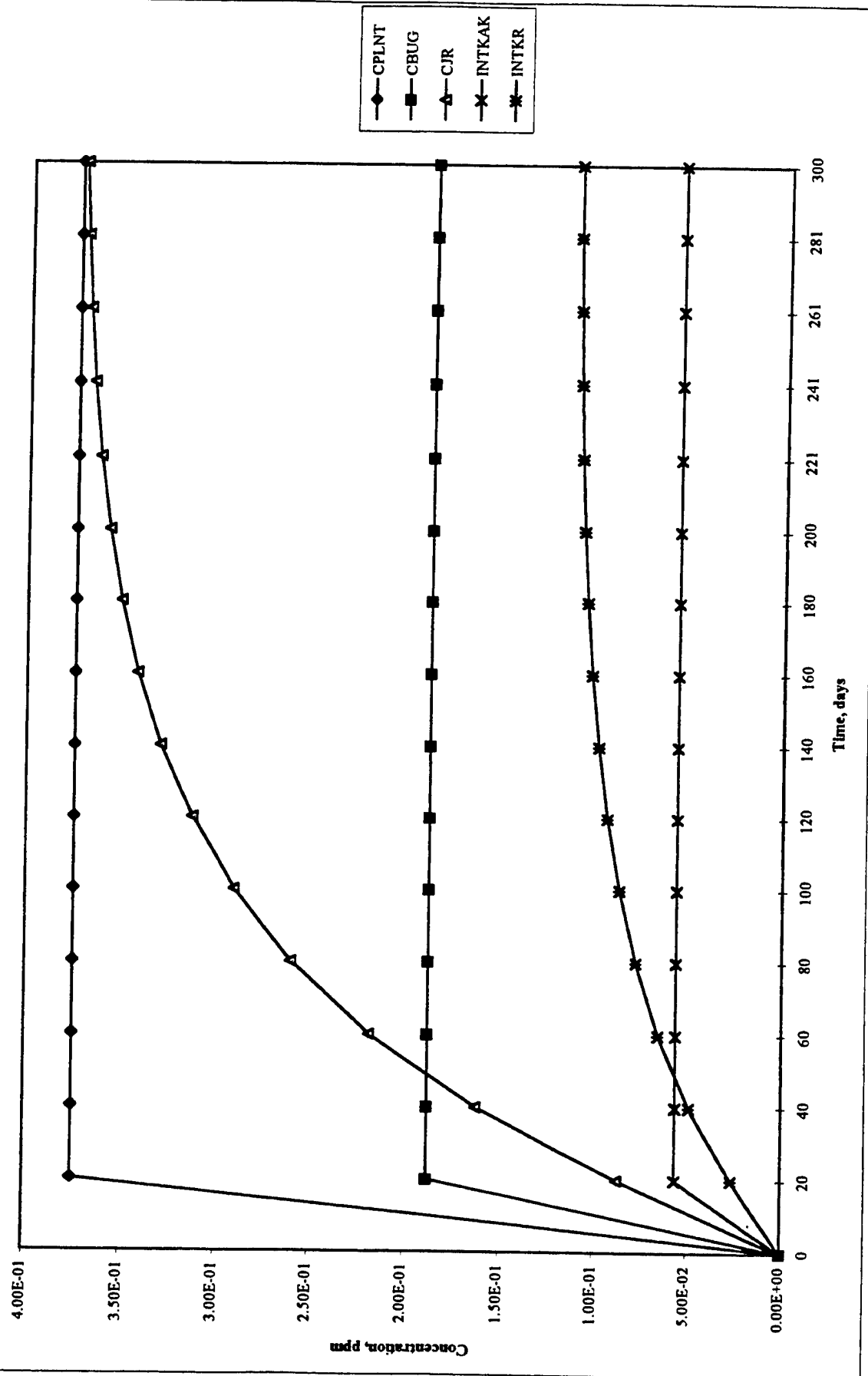
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits, and Invertebrates at SWMU 15



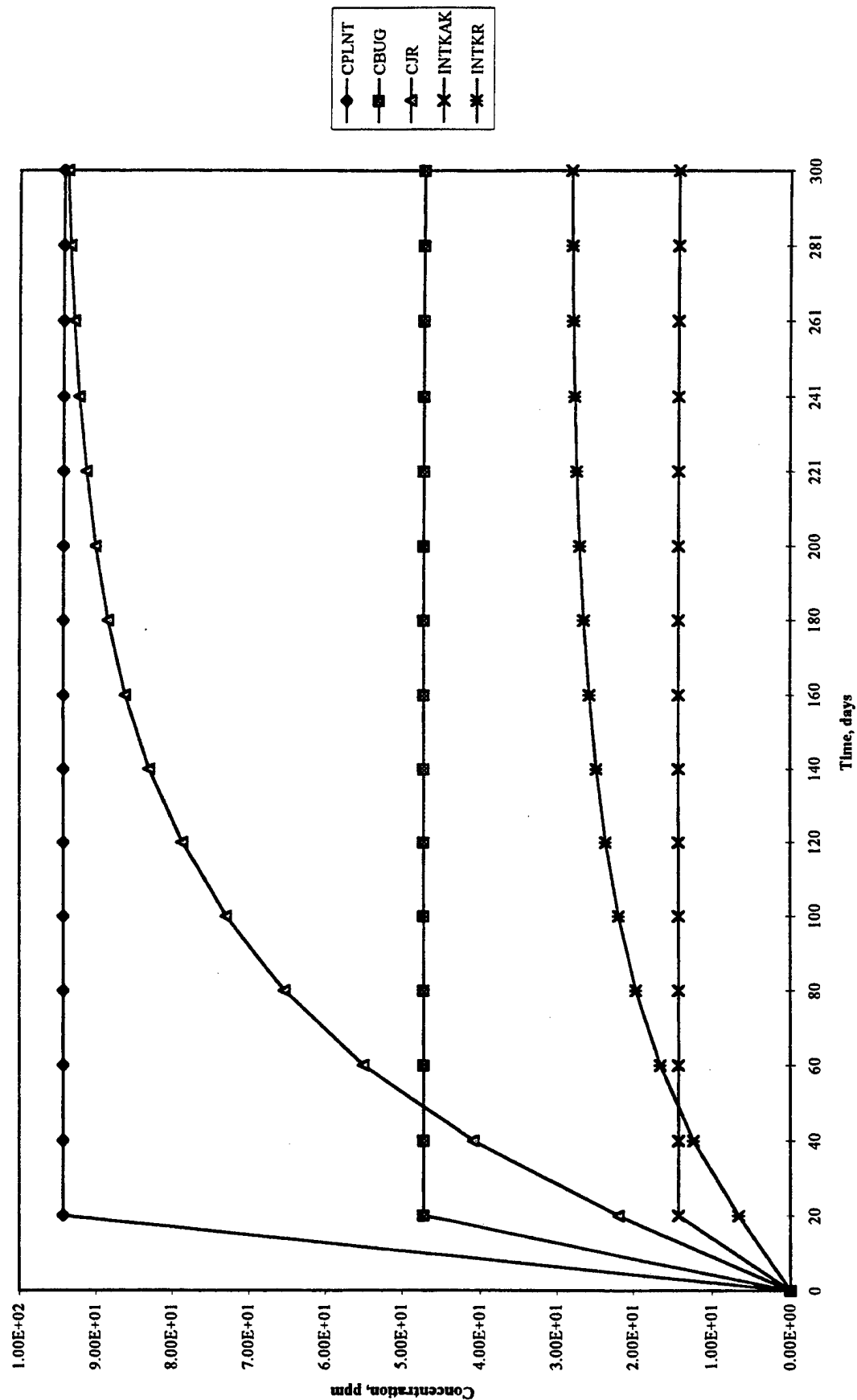
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 21



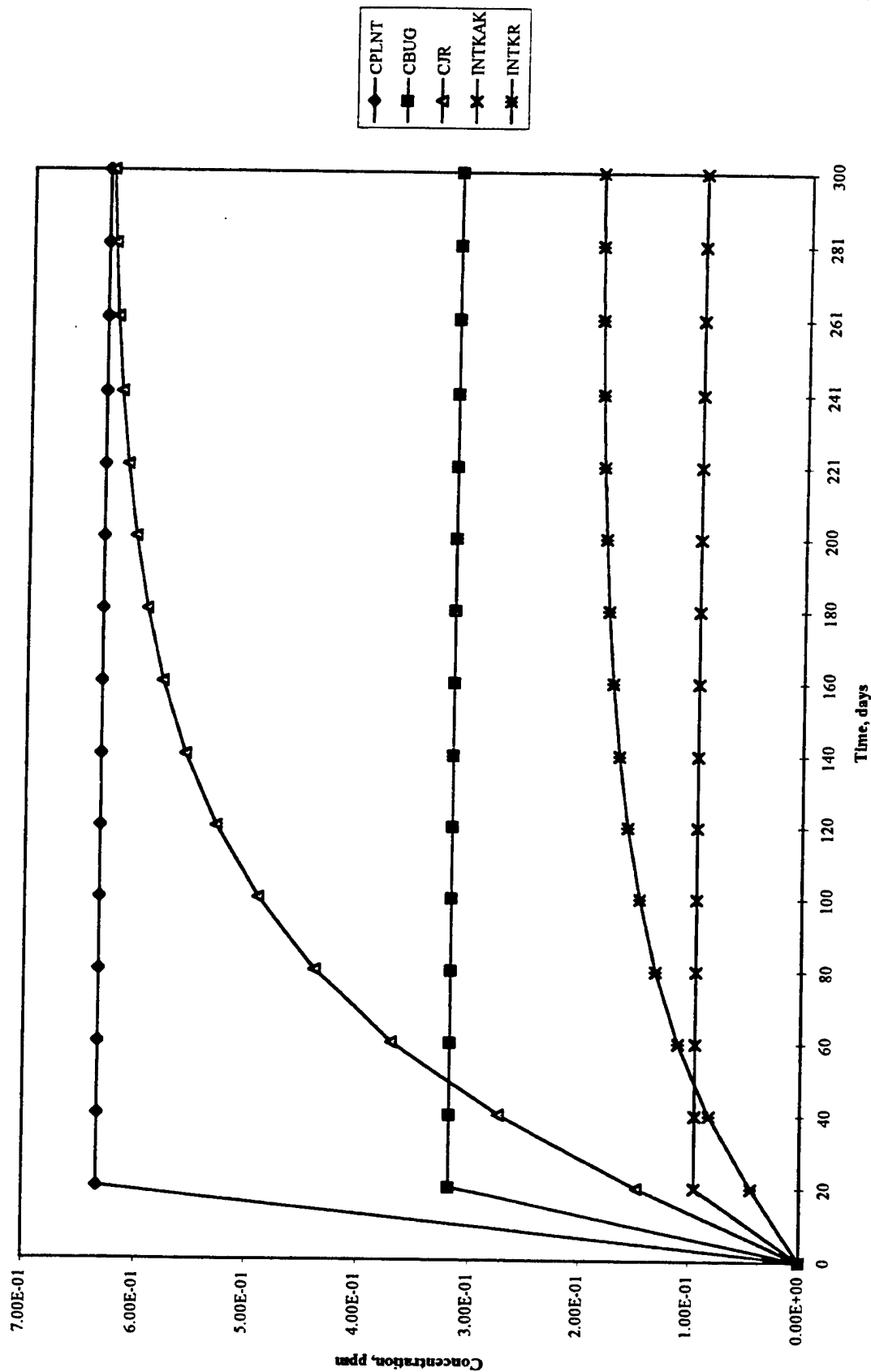
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 37



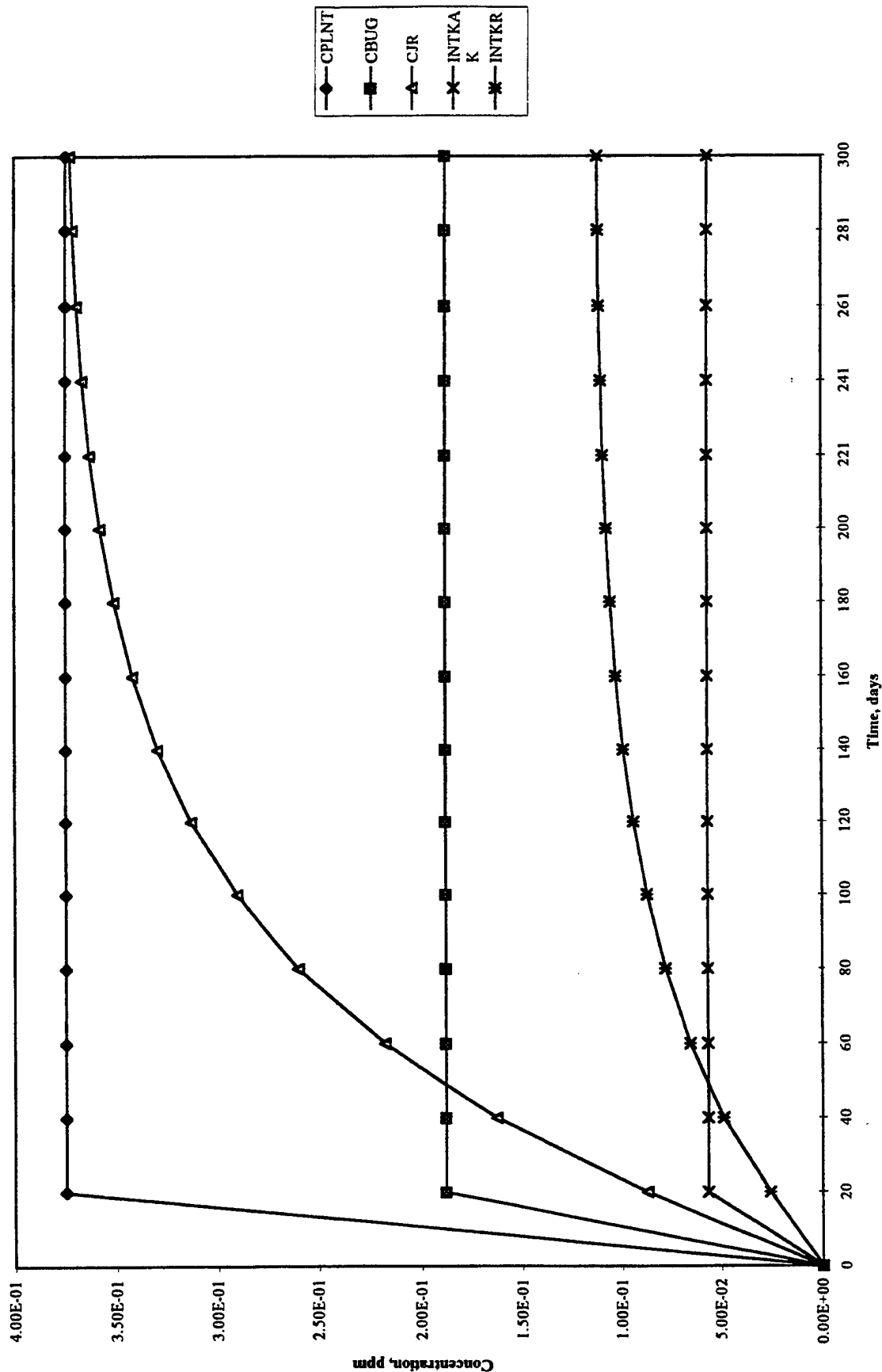
Bioaccumulation Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 42



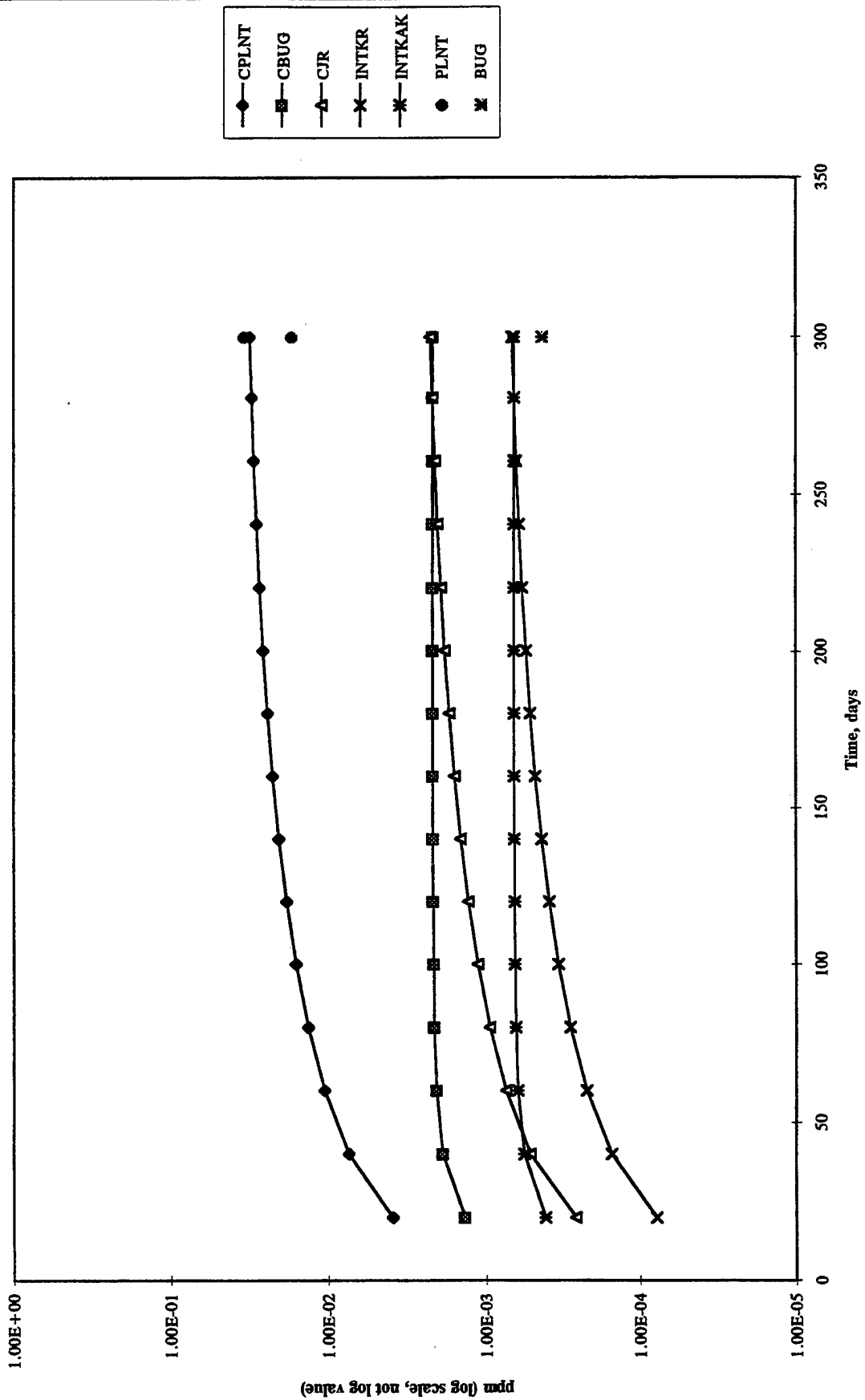
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at SWMU 45



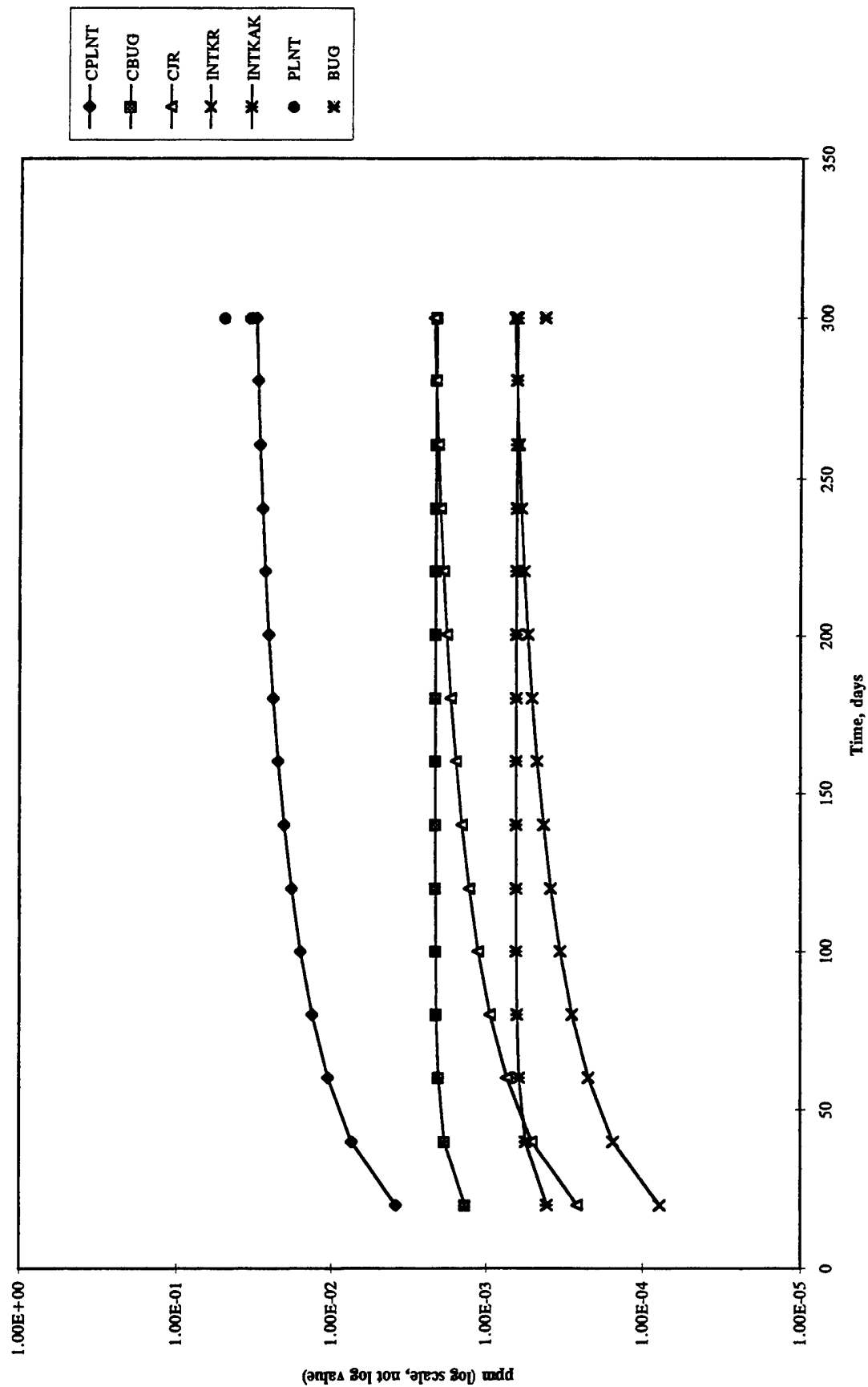
Bioaccumulation Model Results for Antimony in Plants, Jackrabbits and Invertebrates at the RSA



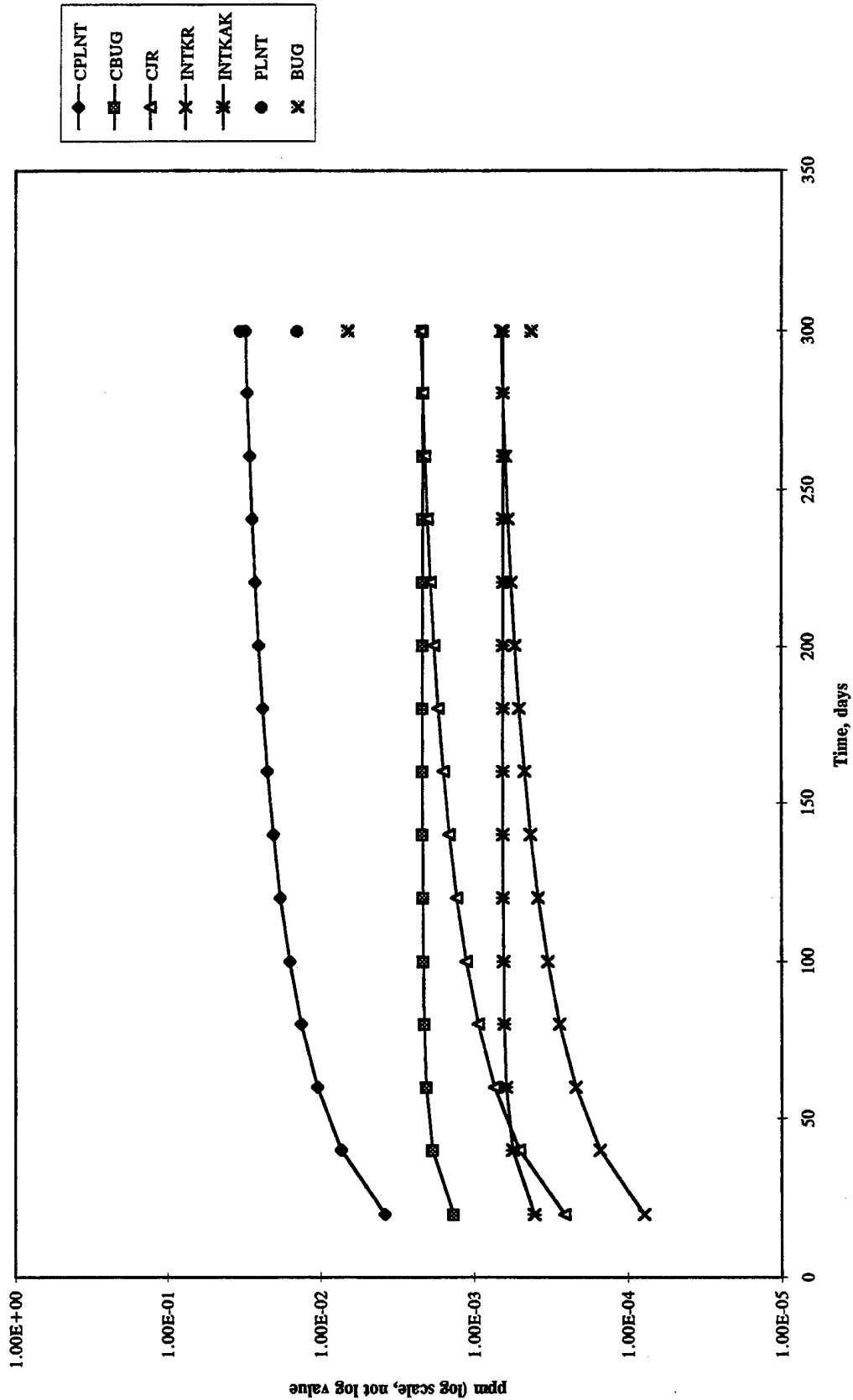
Bioaccumulation Model Results for ppDDE at SWMU 1B



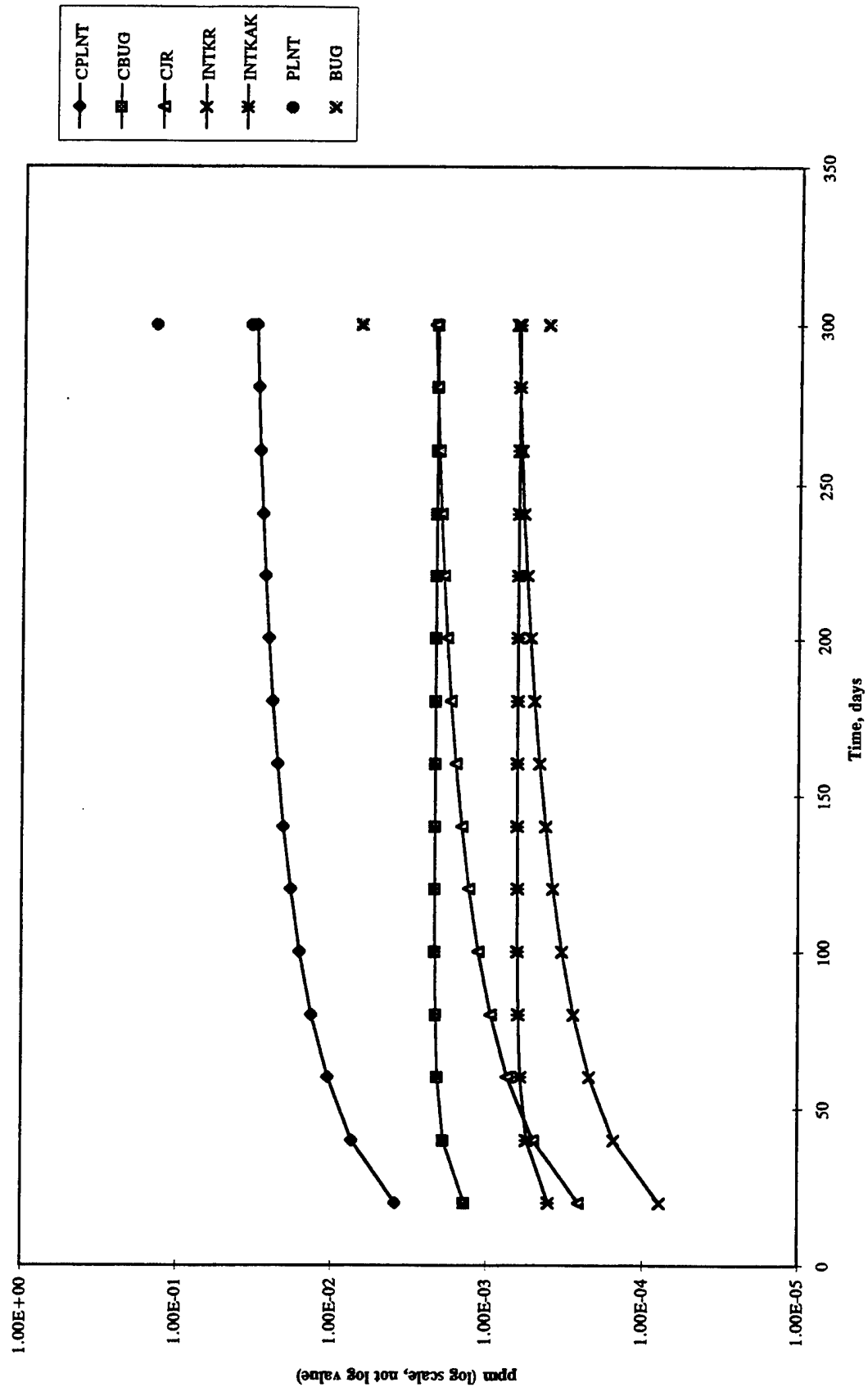
Bioaccumulation Model Results for ppDDE at SWMU 1C



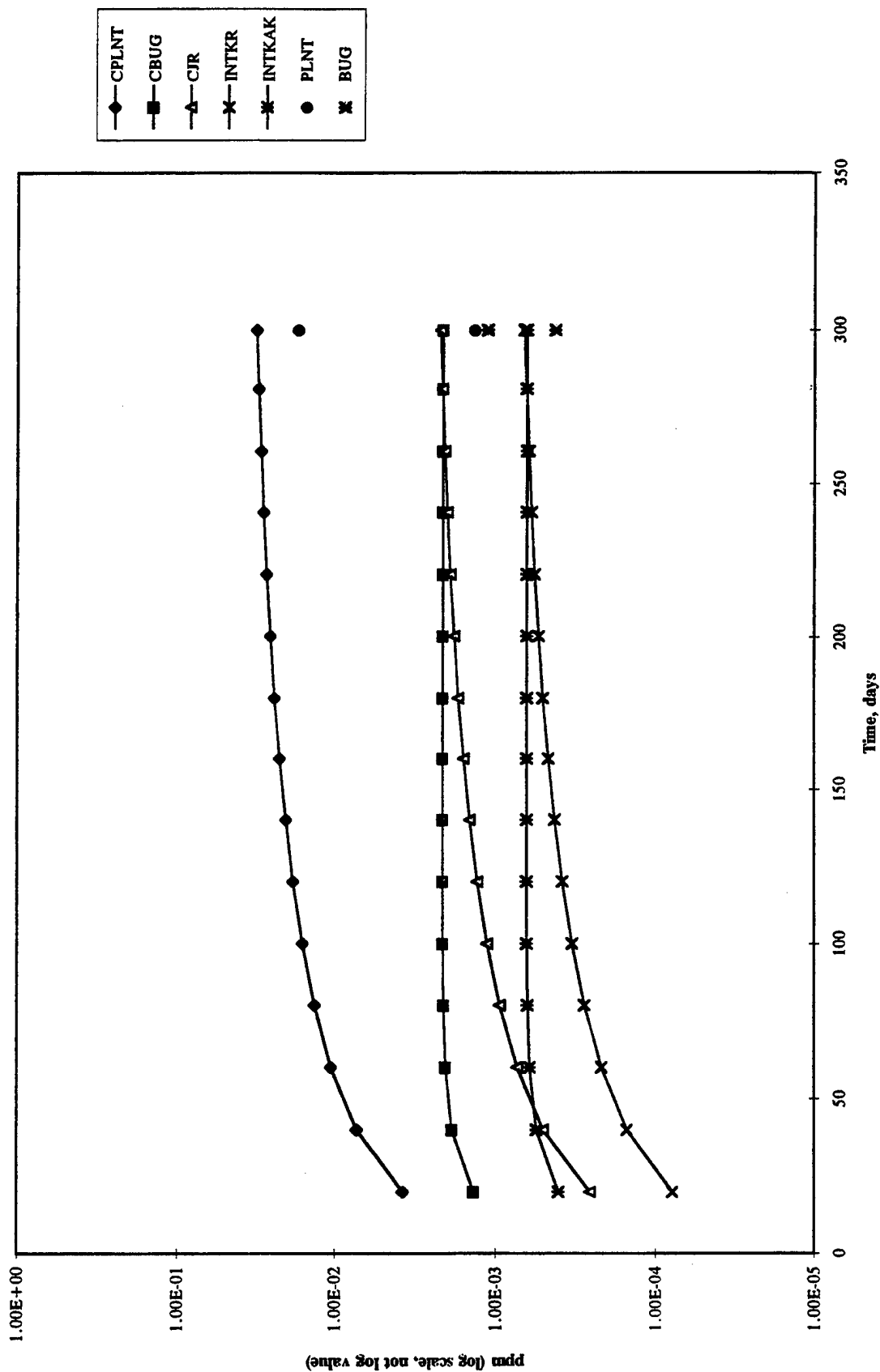
Bioaccumulation Model Results for ppDDE at SWMU 10



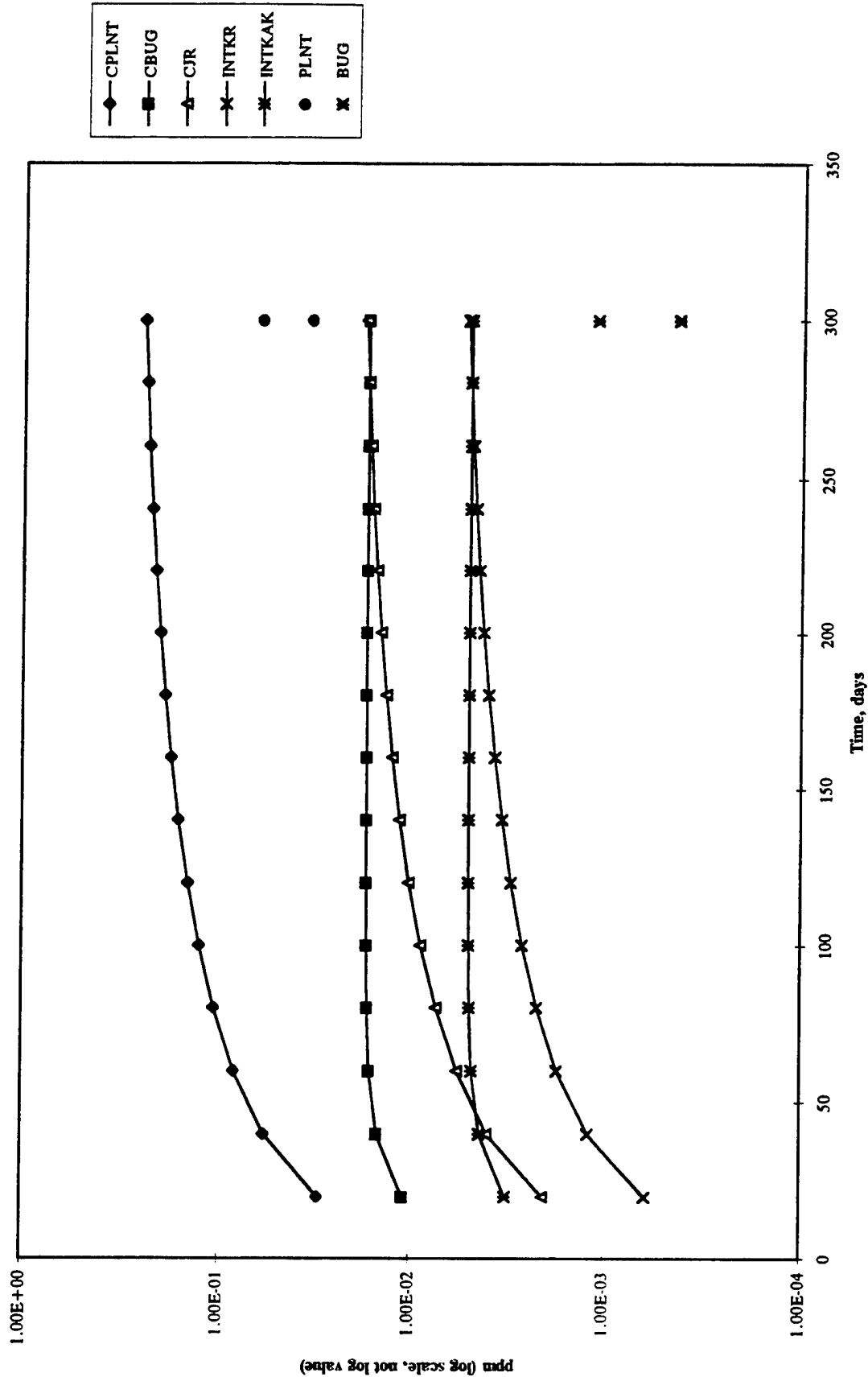
Bioaccumulation Model Results for ppDDE at SWMU 11



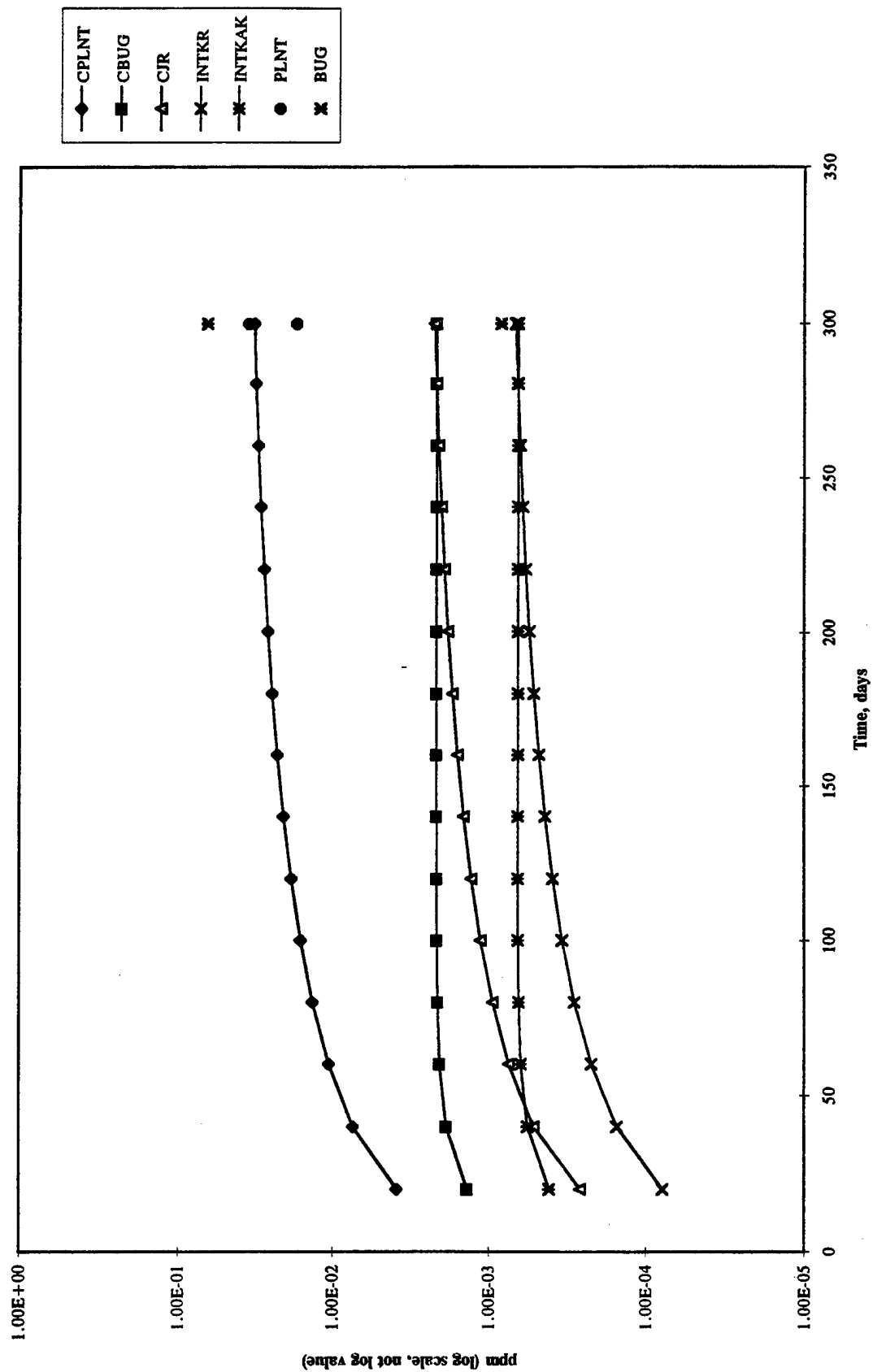
Bioaccumulation Model Results for ppDDE at SWMU 12



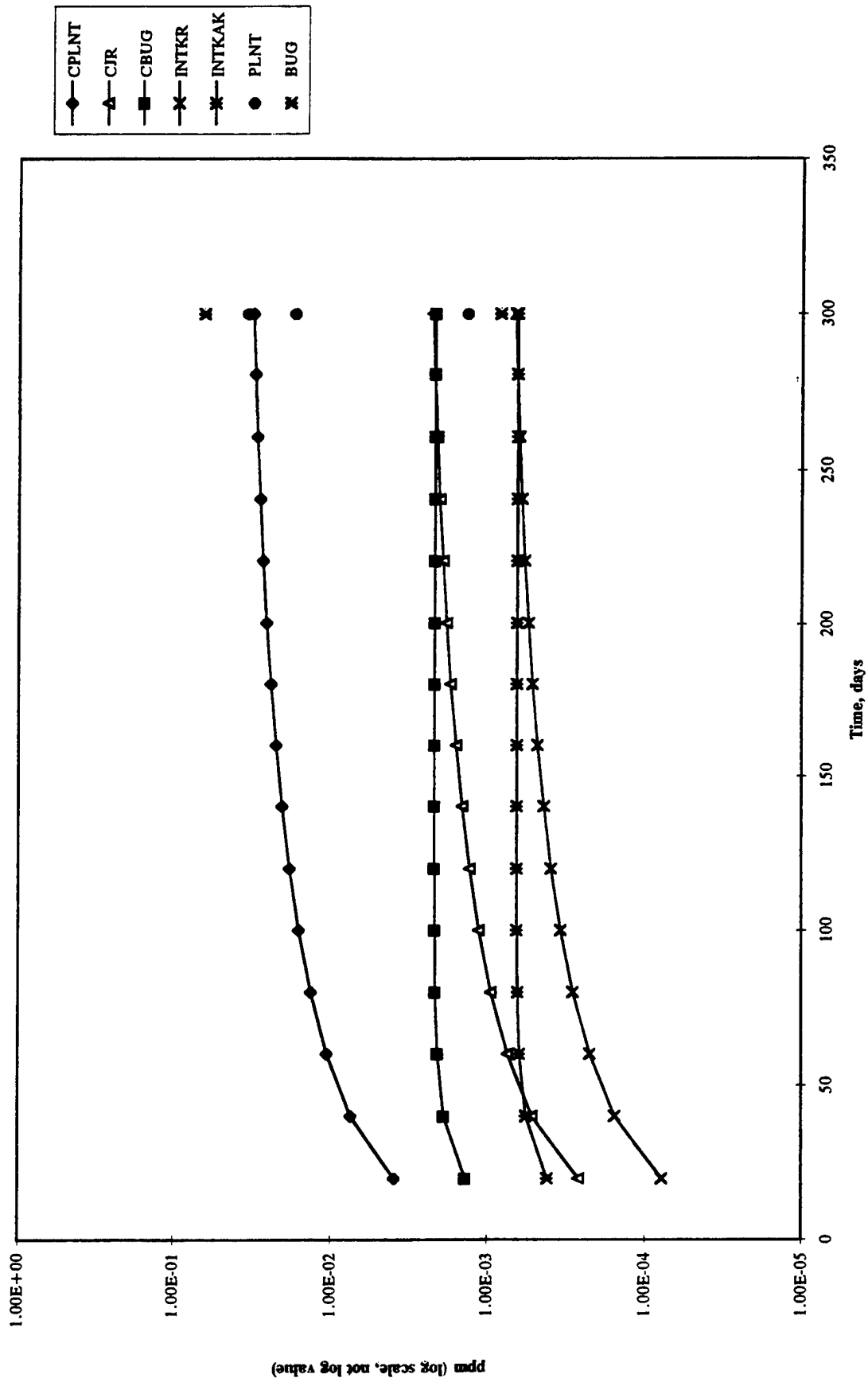
Bioaccumulation Model Results for ppDDE at SWMU 15



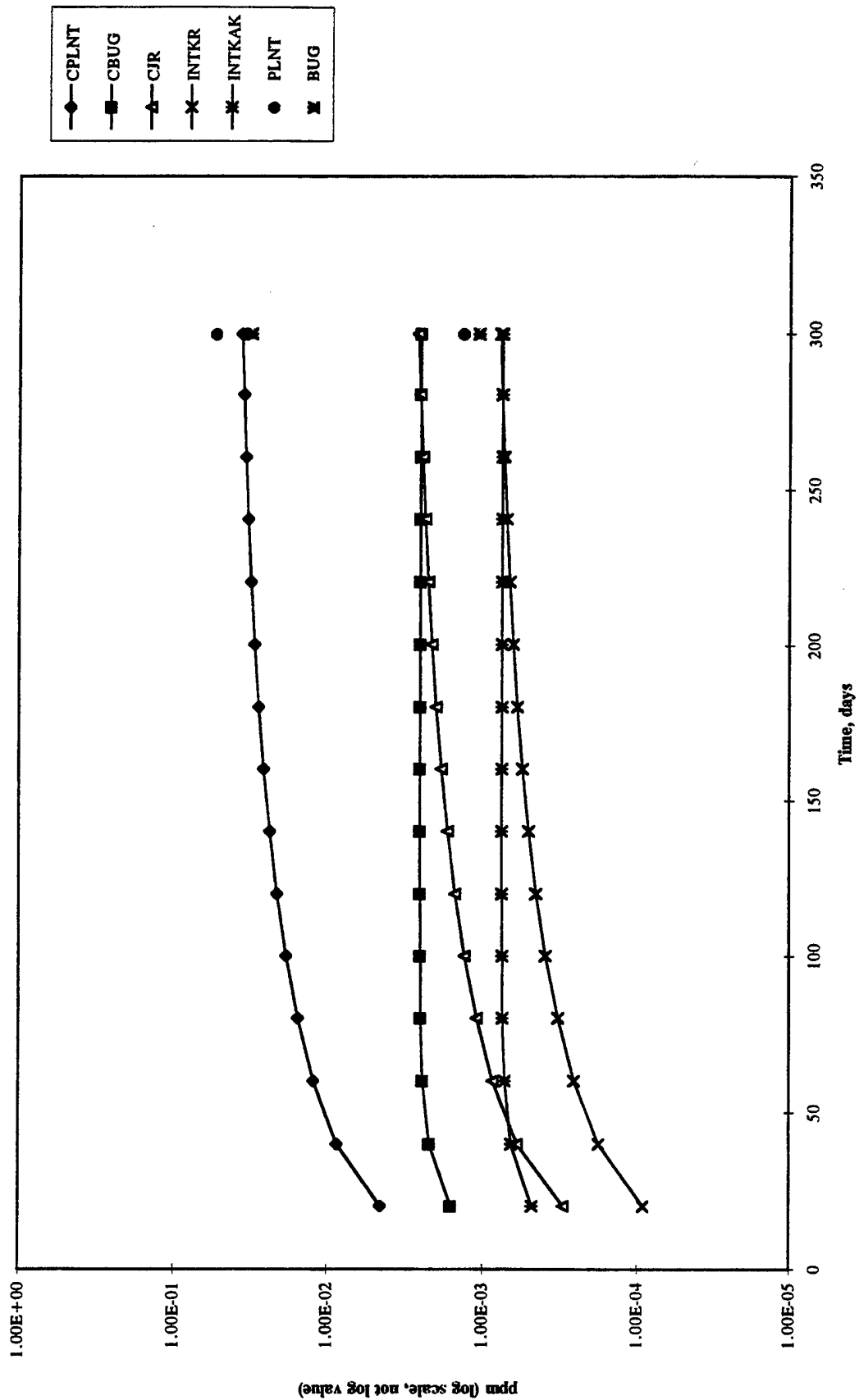
Bioaccumulation Model Results for ppDDE at SWMU 21



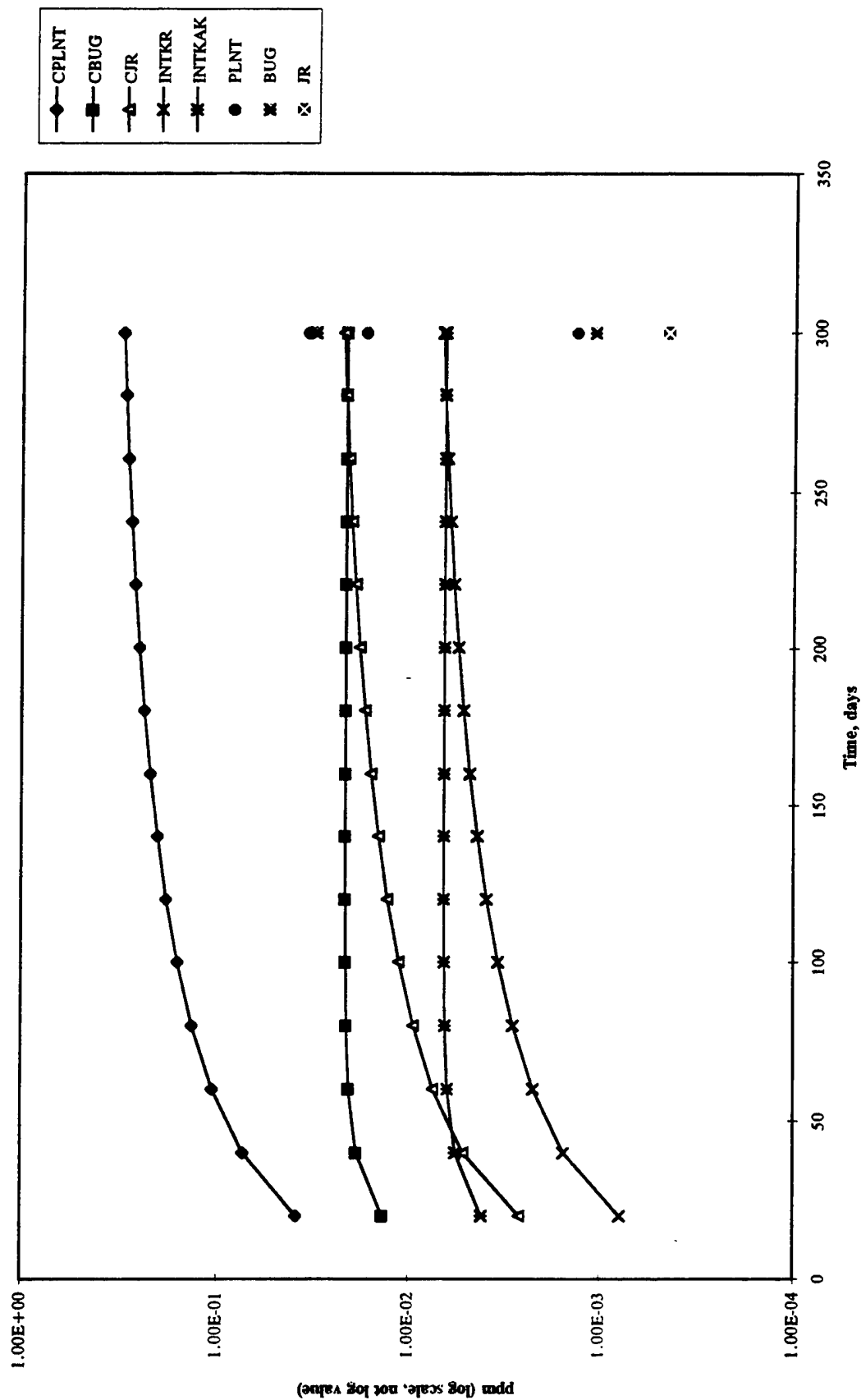
Bioaccumulation Model Results for ppDDE at SWMU 37



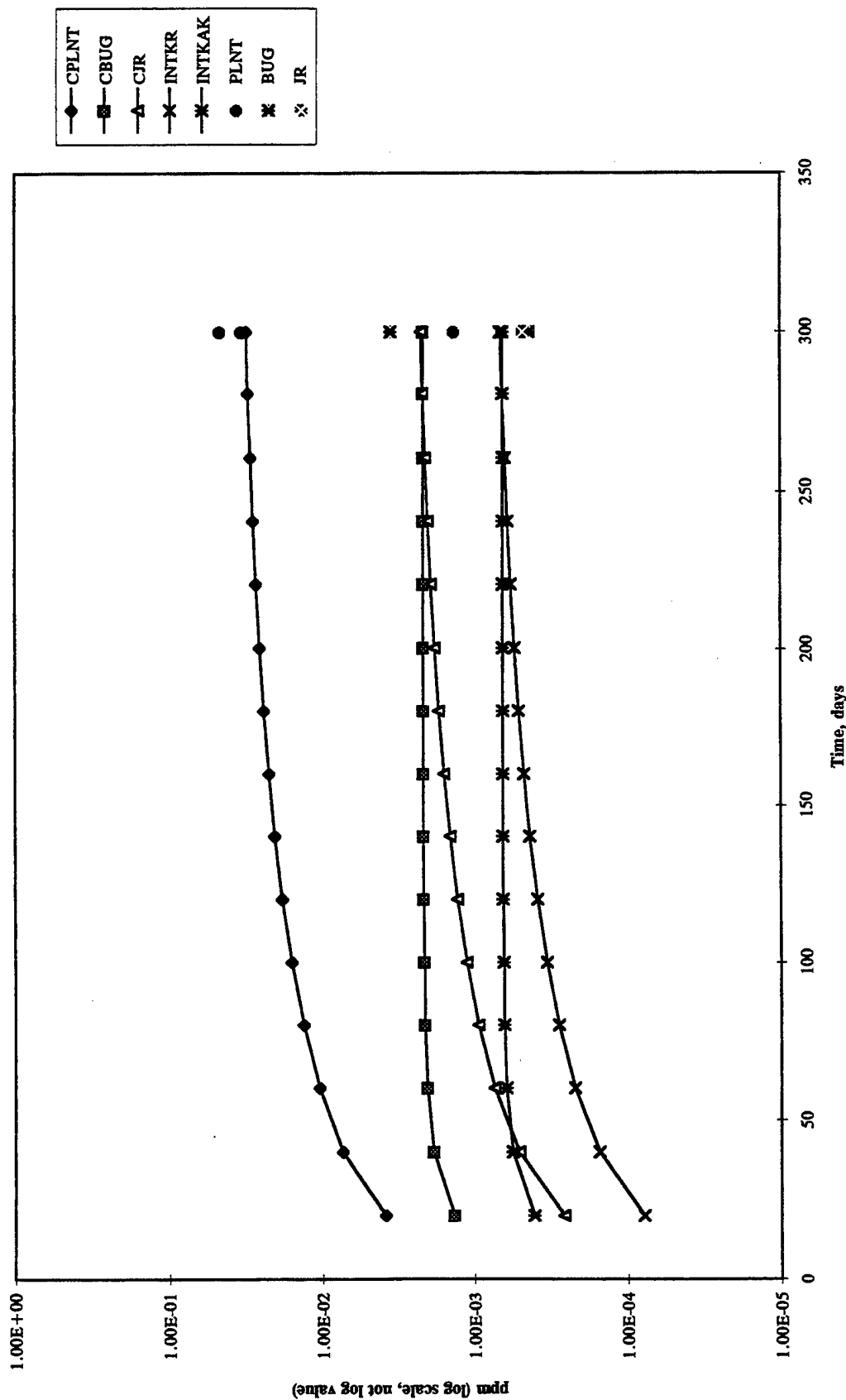
Bioaccumulation Model Results for ppDDE at SWMU 42



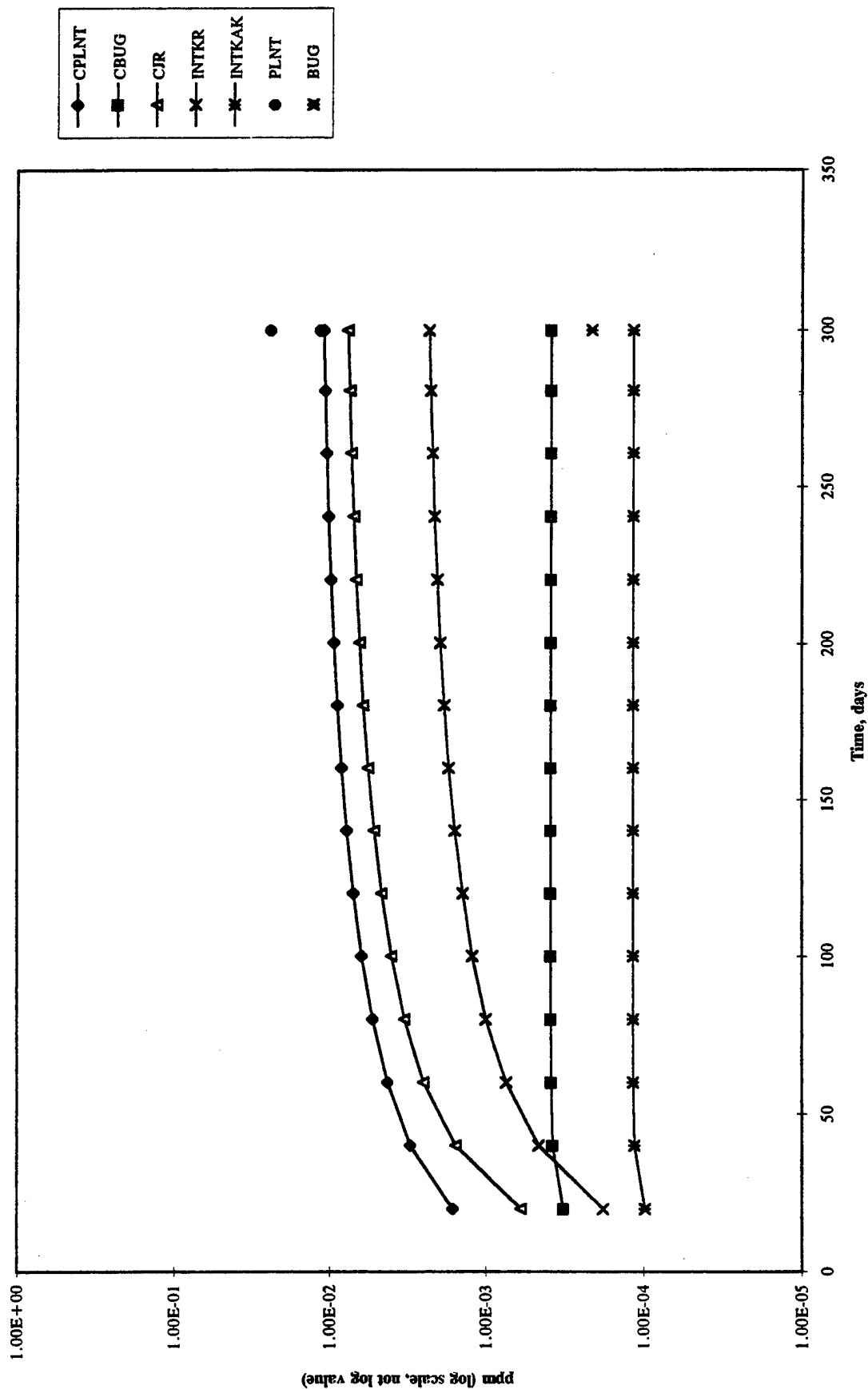
Bioaccumulation Model Results for ppDDE at SWMU 45



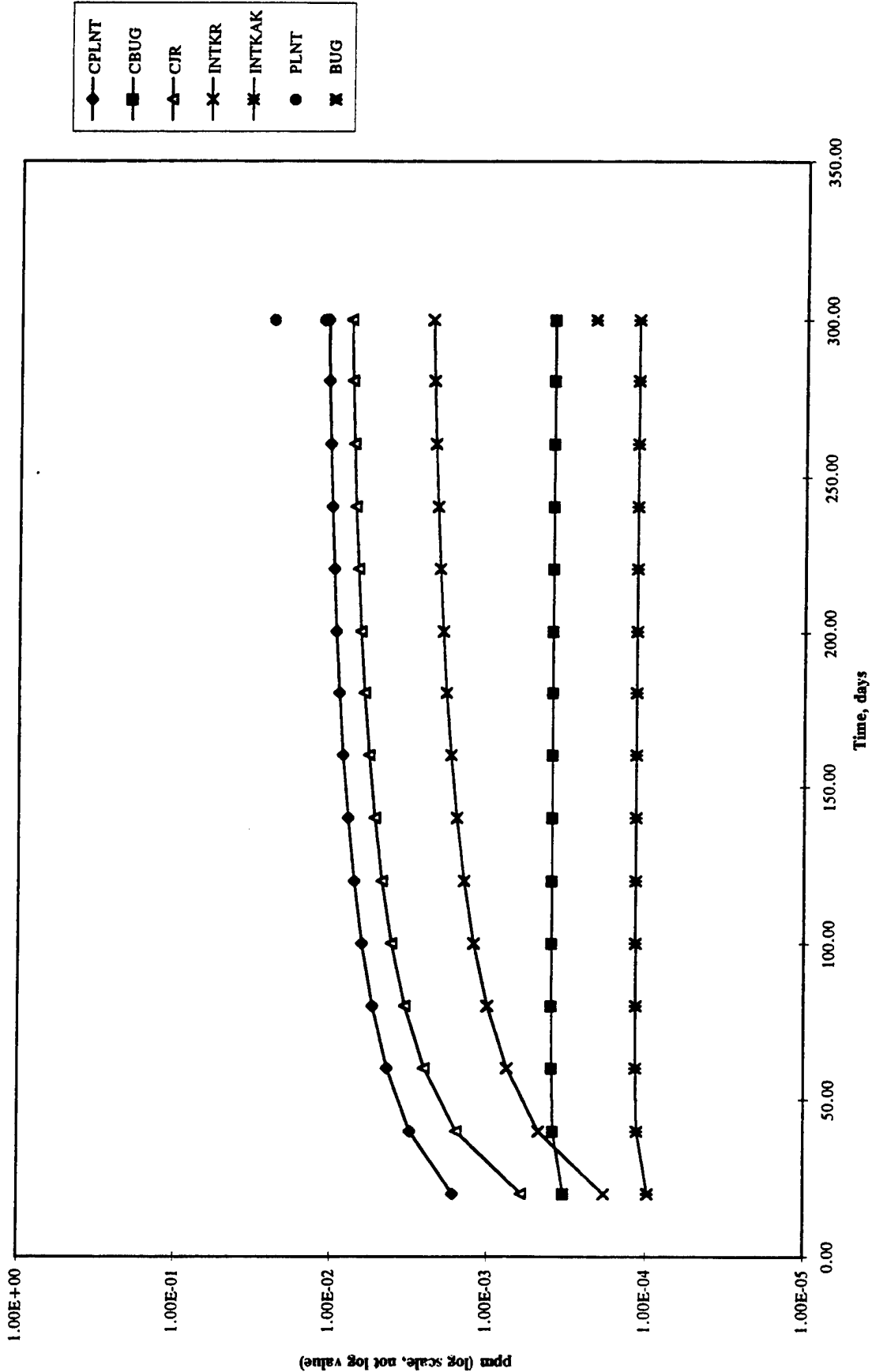
Bioaccumulation Model Results for ppDDE at the RSA



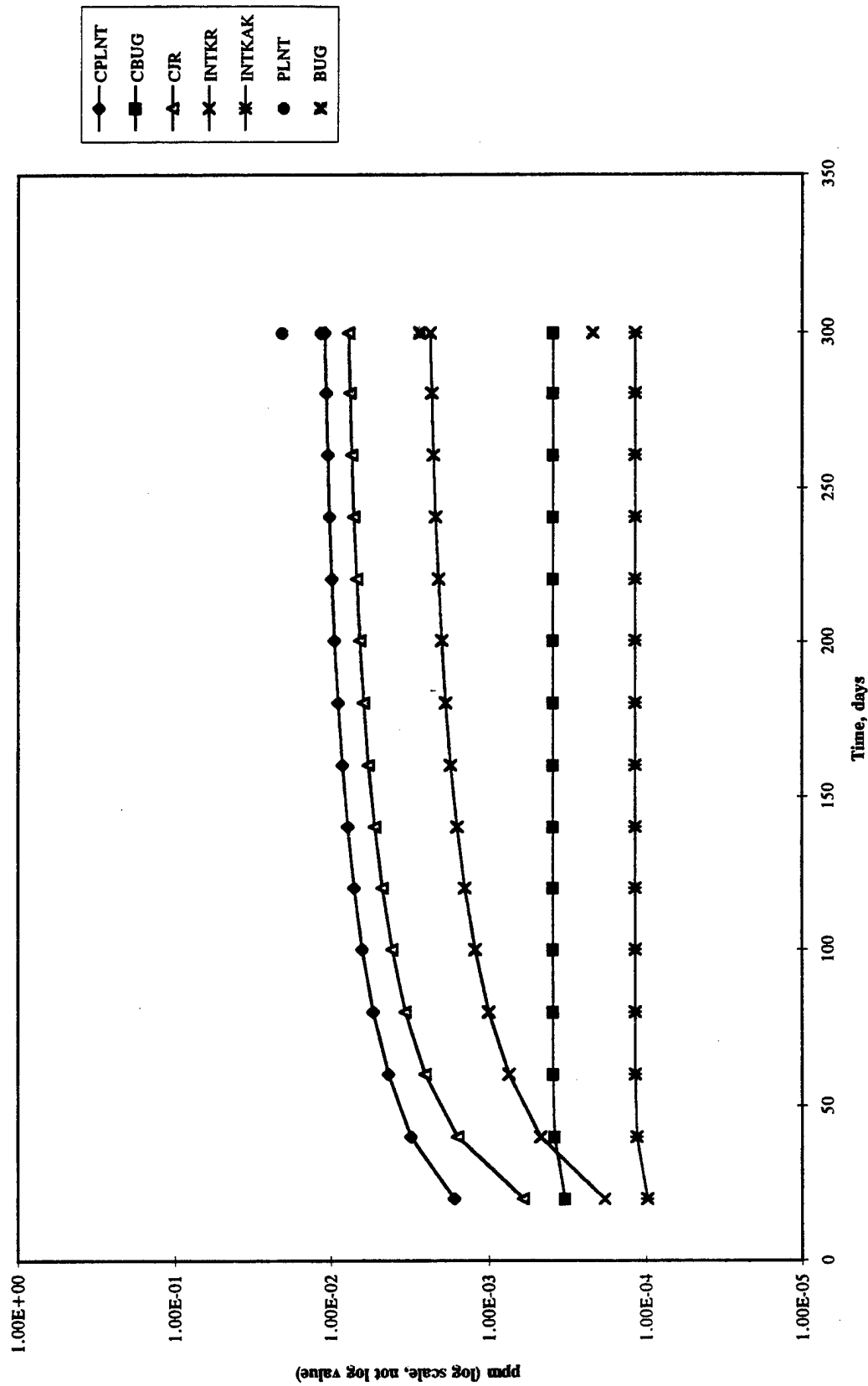
Bioaccumulation Model Results for ppDDT at SWMU 1B



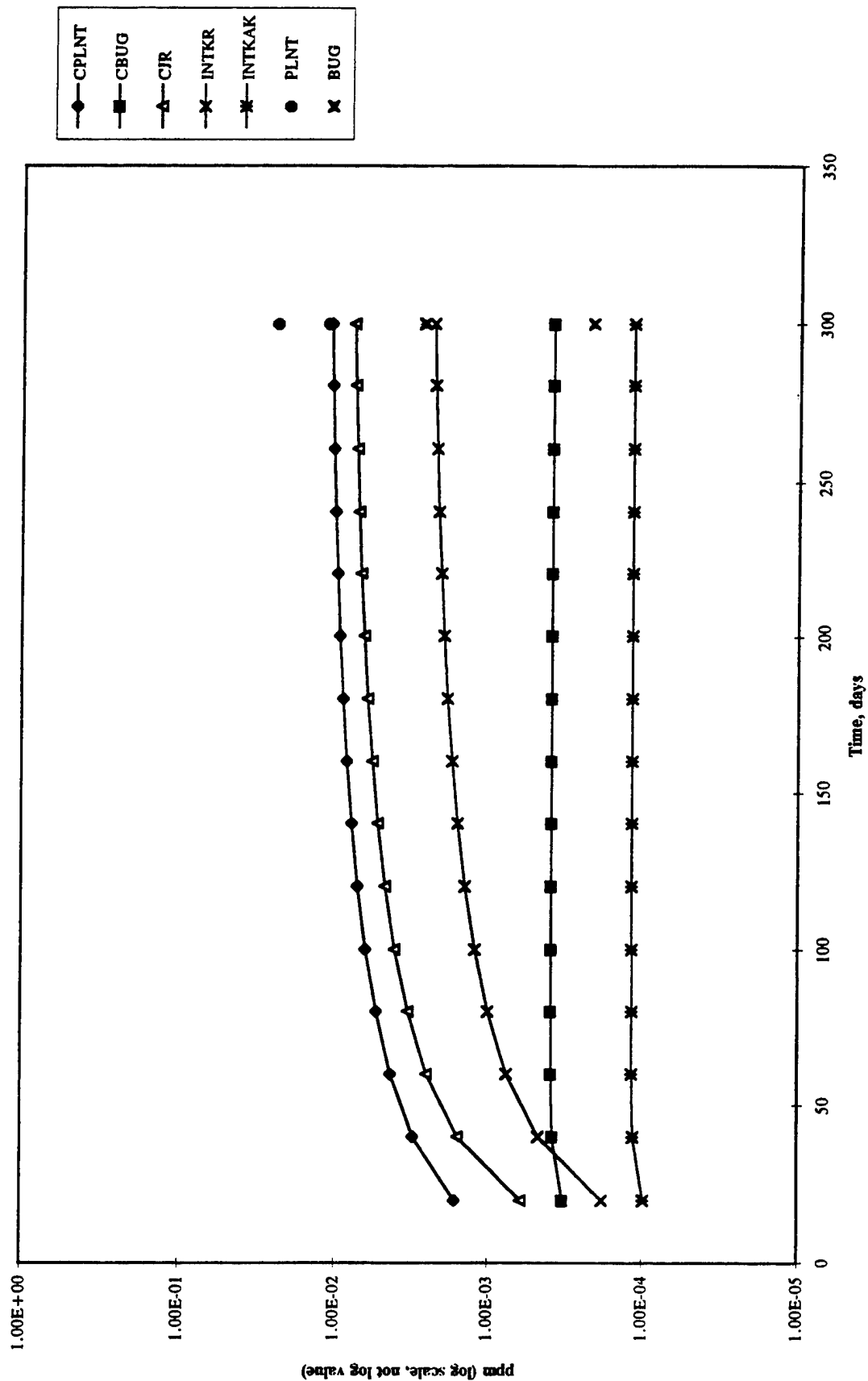
Bioaccumulation Model Results for ppDDT at SWMU 1C



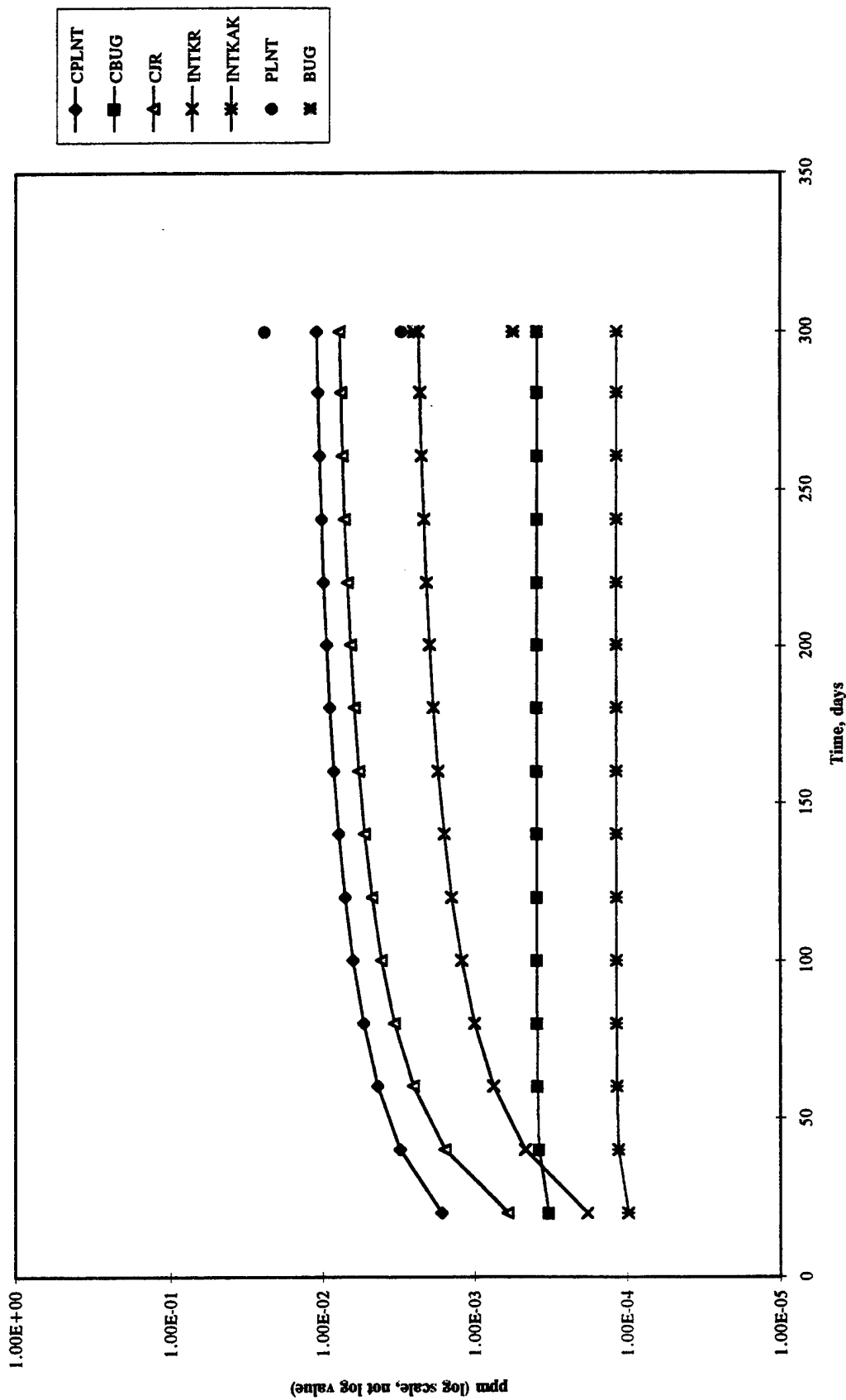
Bioaccumulation Model Results for ppDDT at SWMU 10



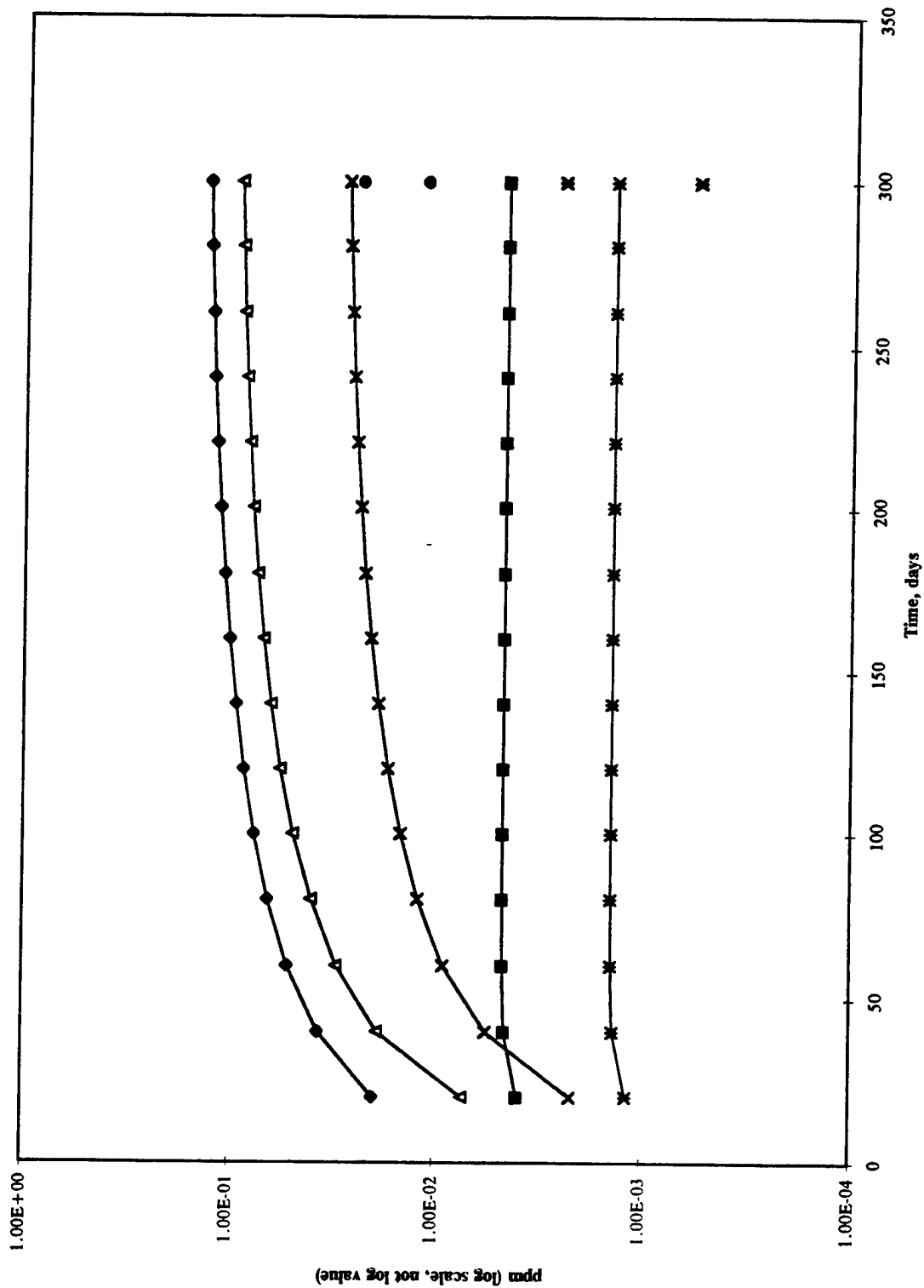
Bioaccumulation Model Results for ppDDT at SWMU 11



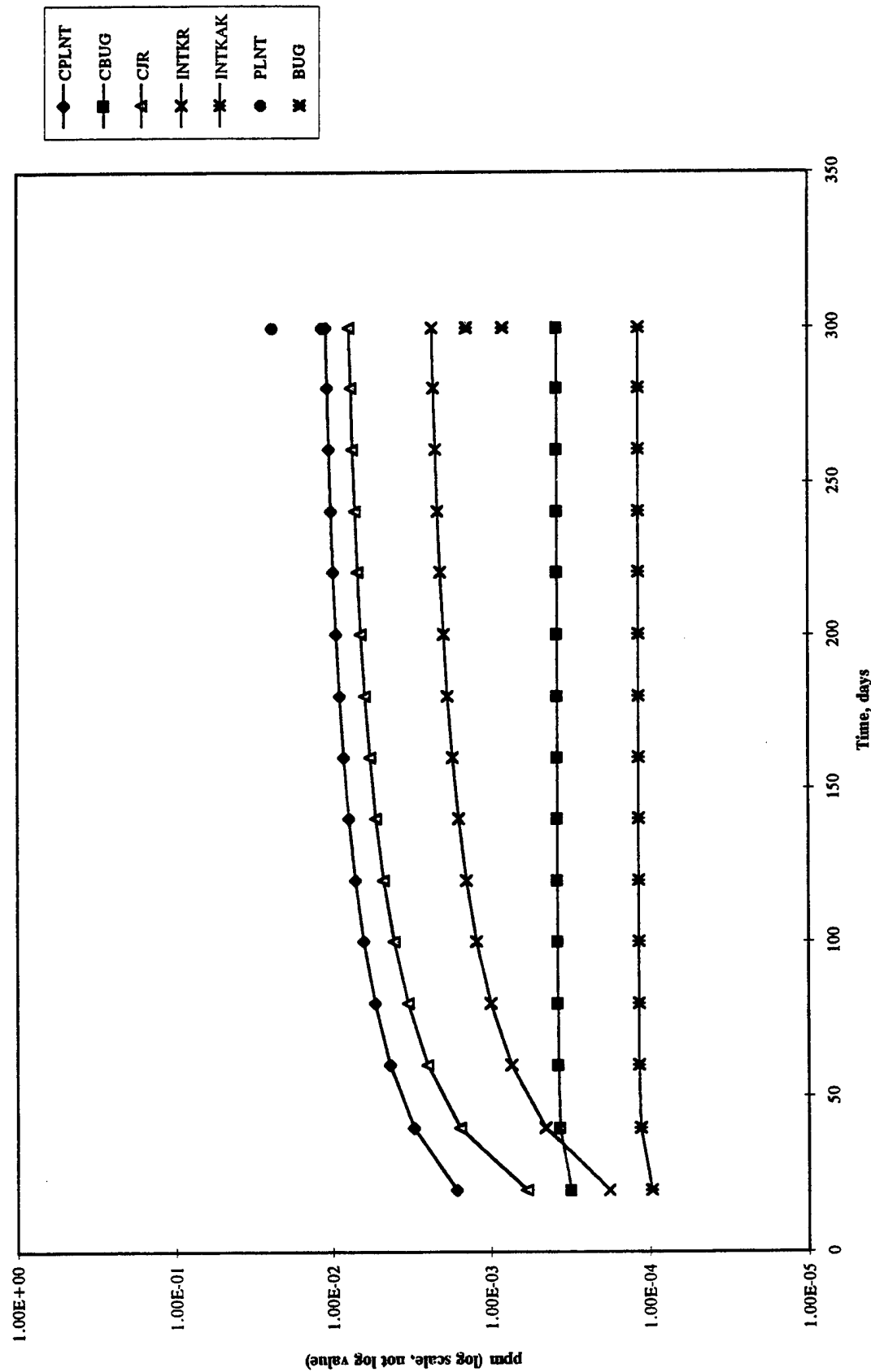
Bioaccumulation Model Results for ppDDT at SWMU 12



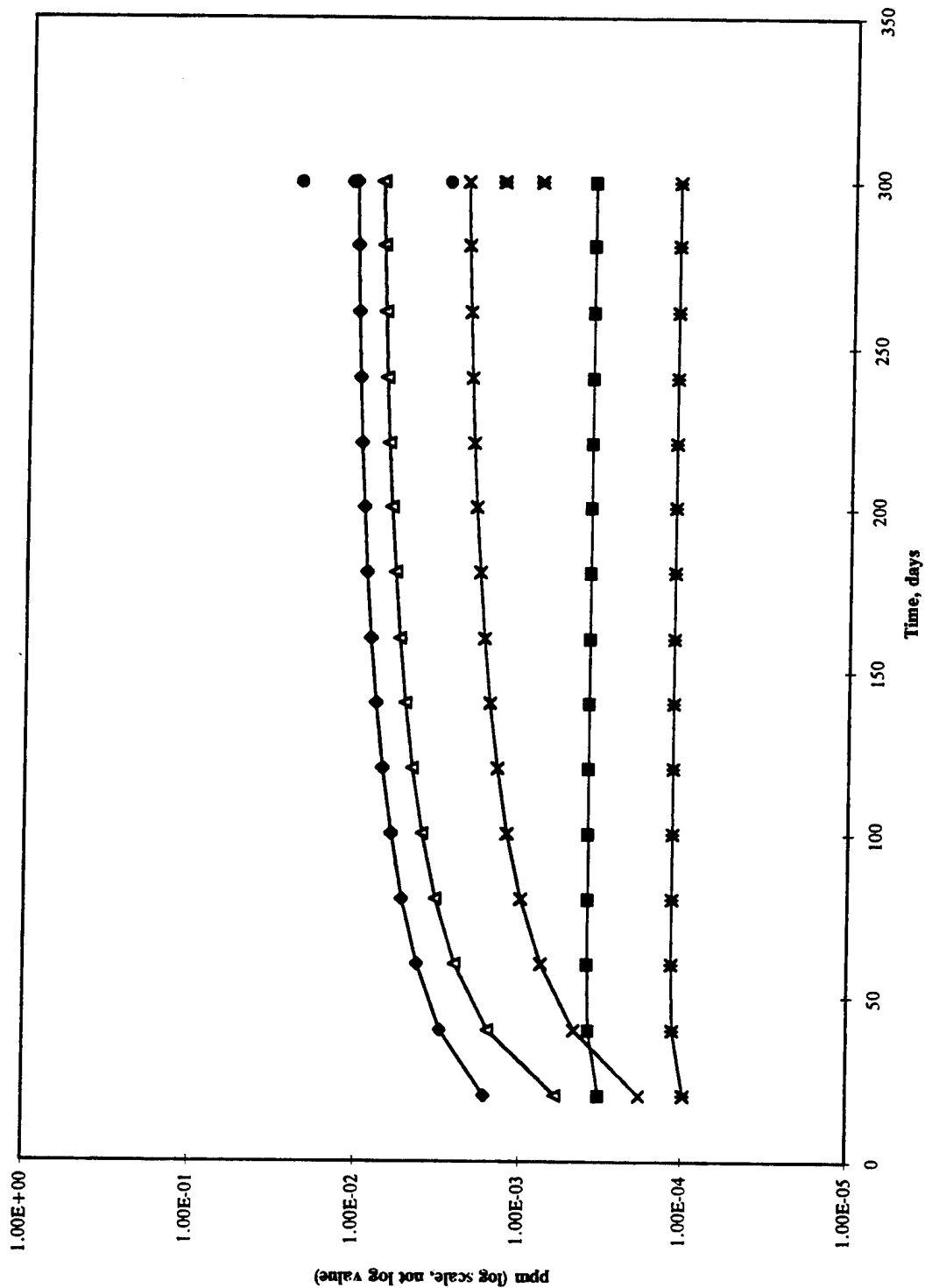
Bioaccumulation Model Results for ppDDT at SWMU 15



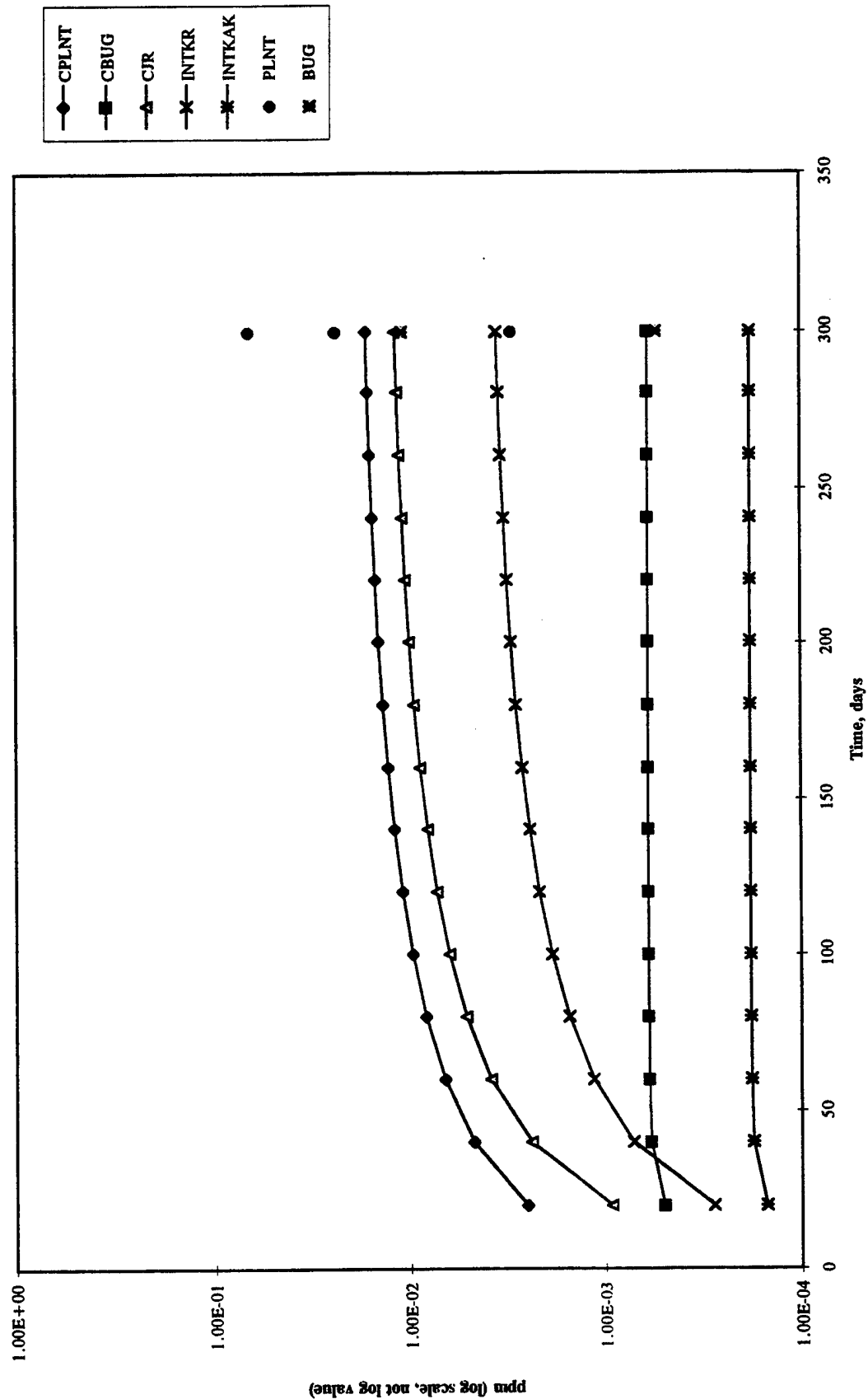
Bioaccumulation Model Results for ppDDT at SWMU 21



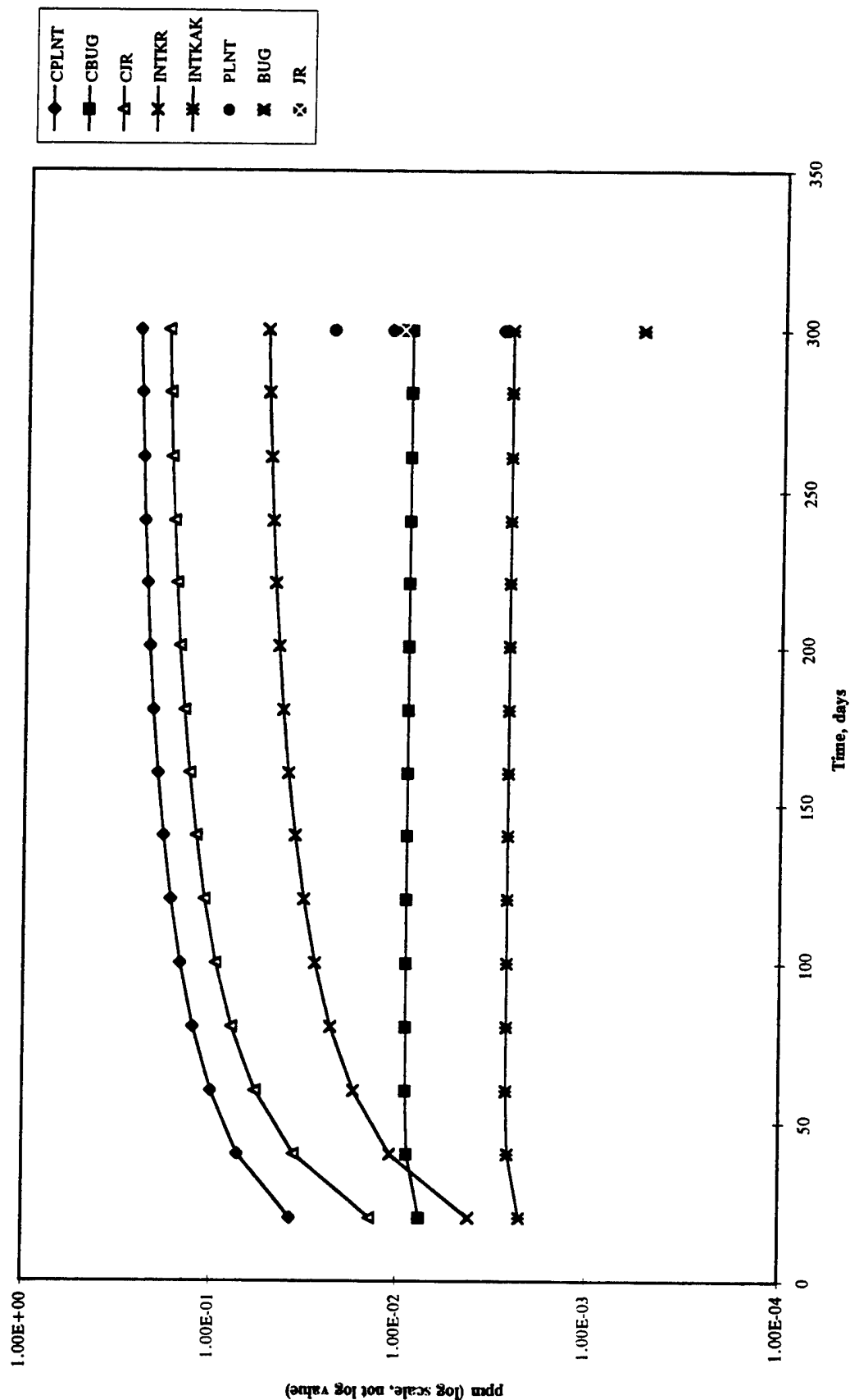
Bioaccumulation Model Results for ppDDT at SWMU 37



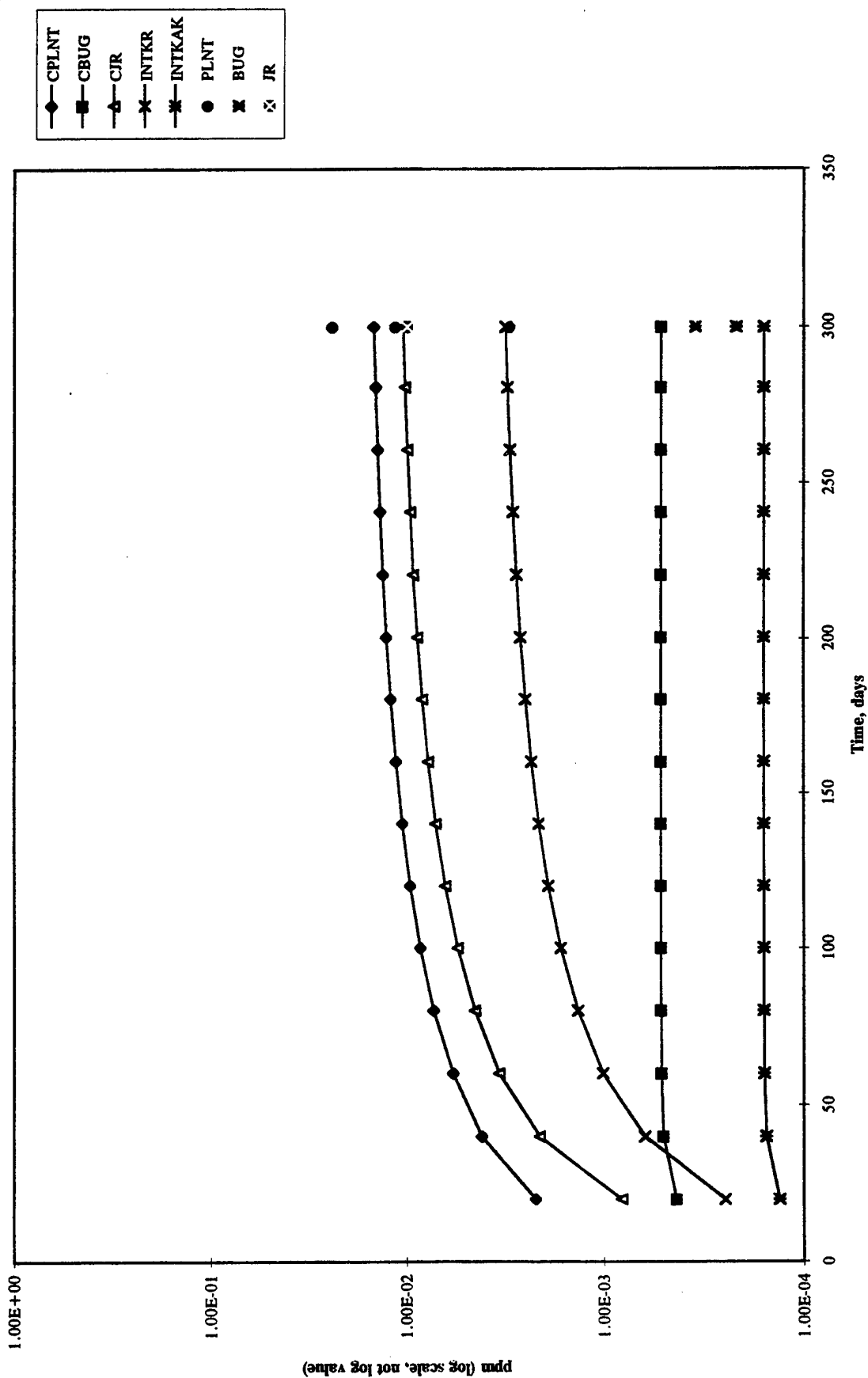
Bioaccumulation Model Results for ppDDT at SWMU 42



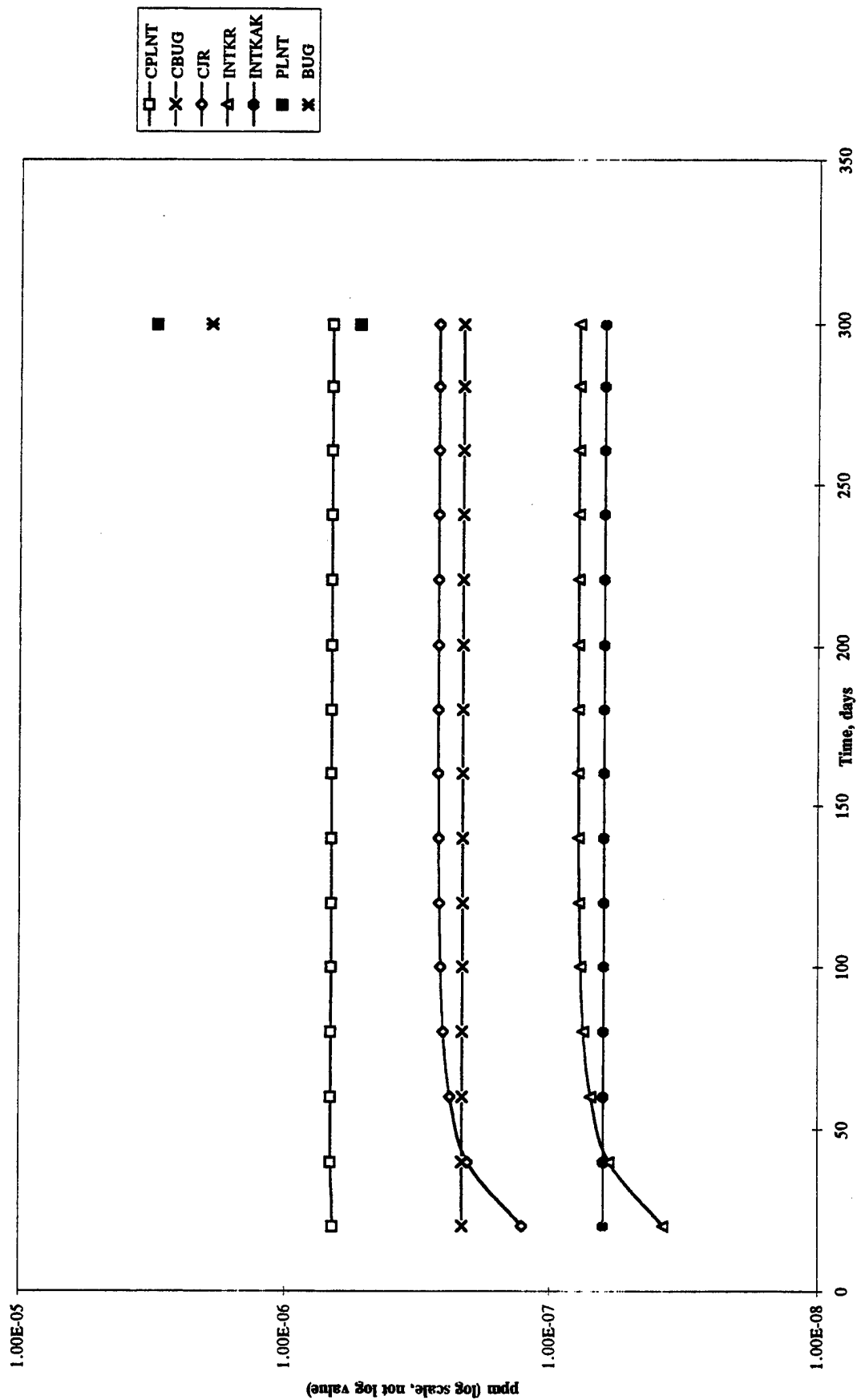
Bioaccumulation Model Results for ppDDT at SWMU 45



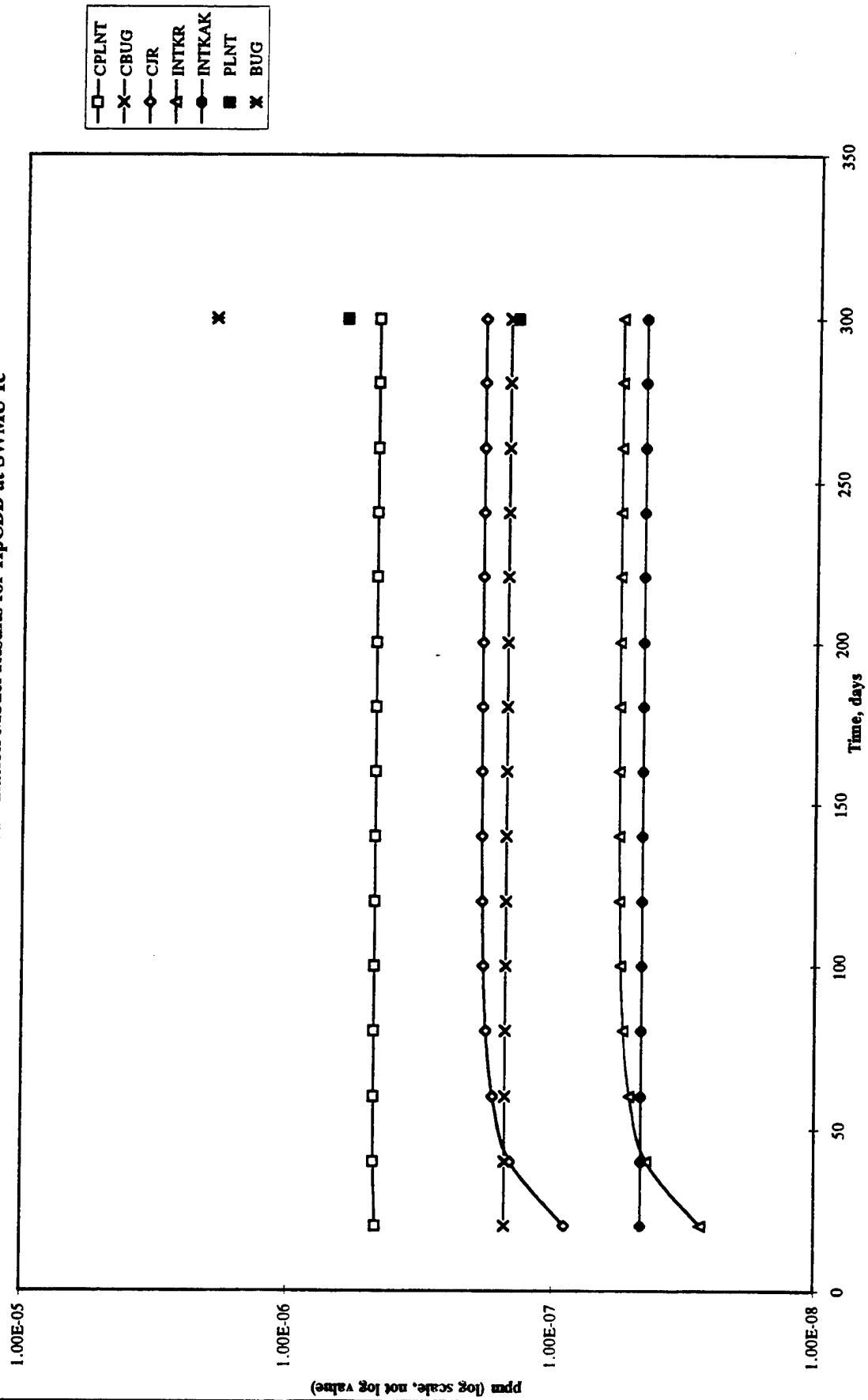
Bioaccumulation Model Results for ppDDT at the RSA



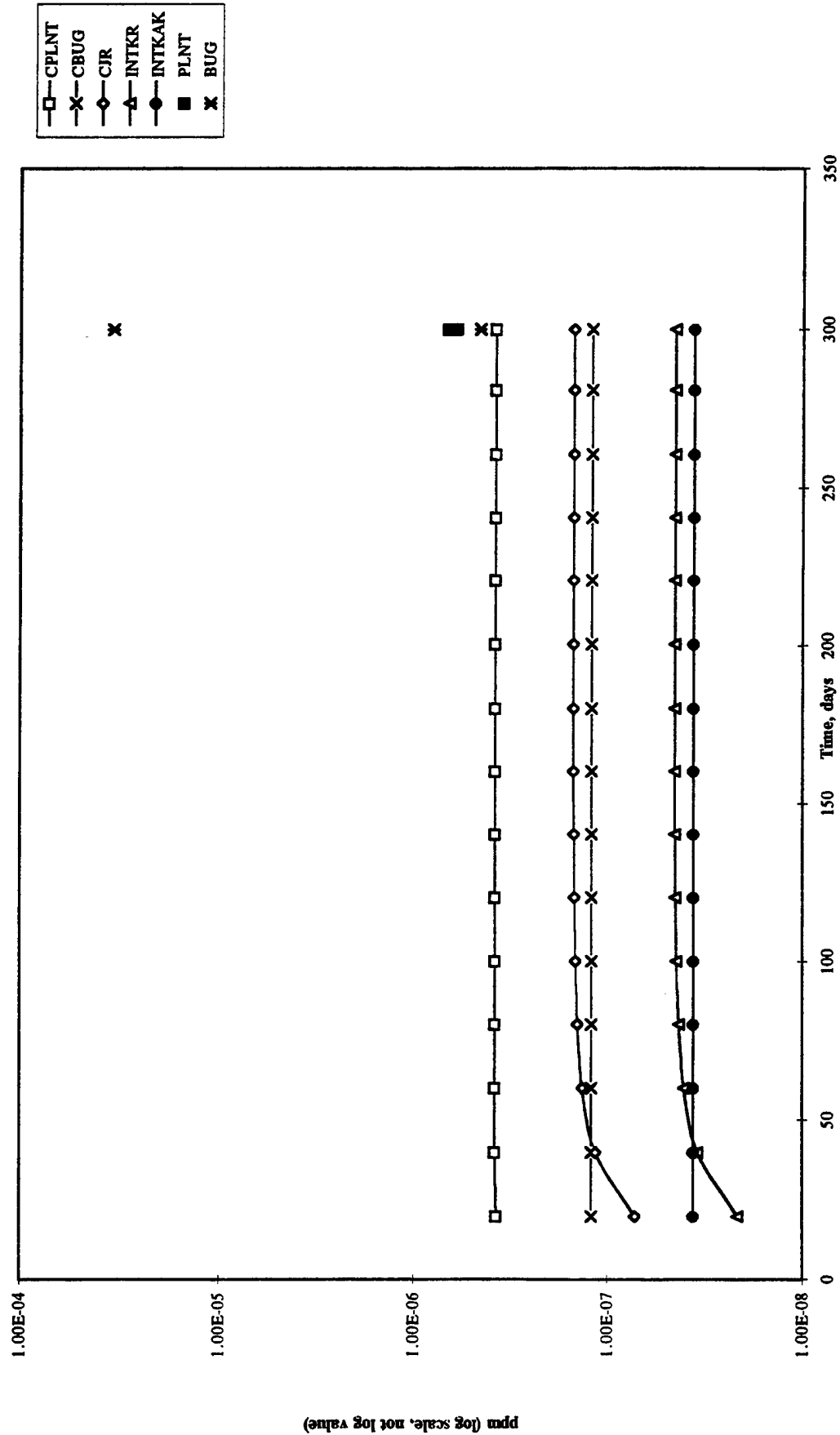
Bioaccumulation Model Results for HpCDD at SWMU 1b



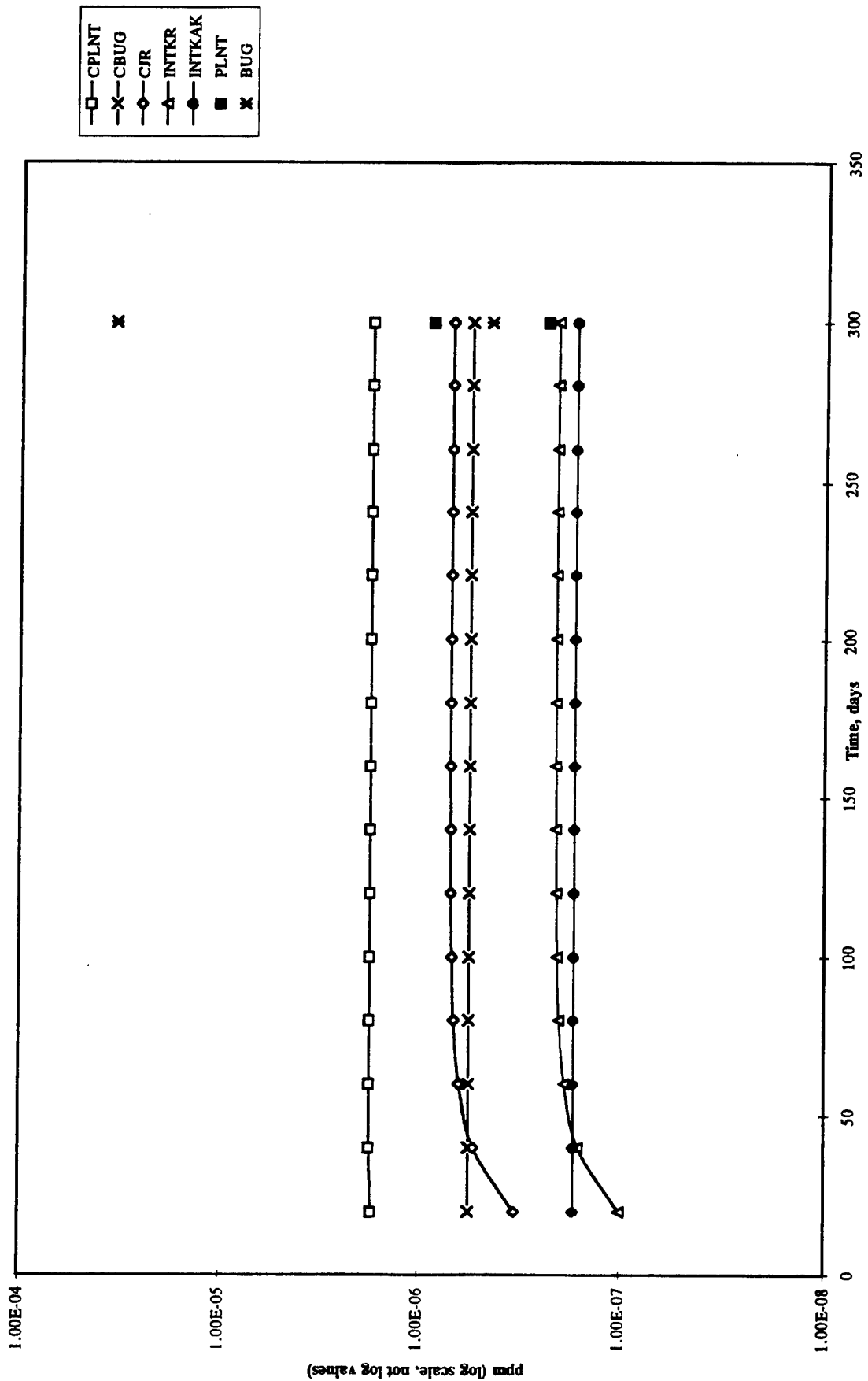
Bioaccumulation Model Results for HpCDD at SWMU 1c



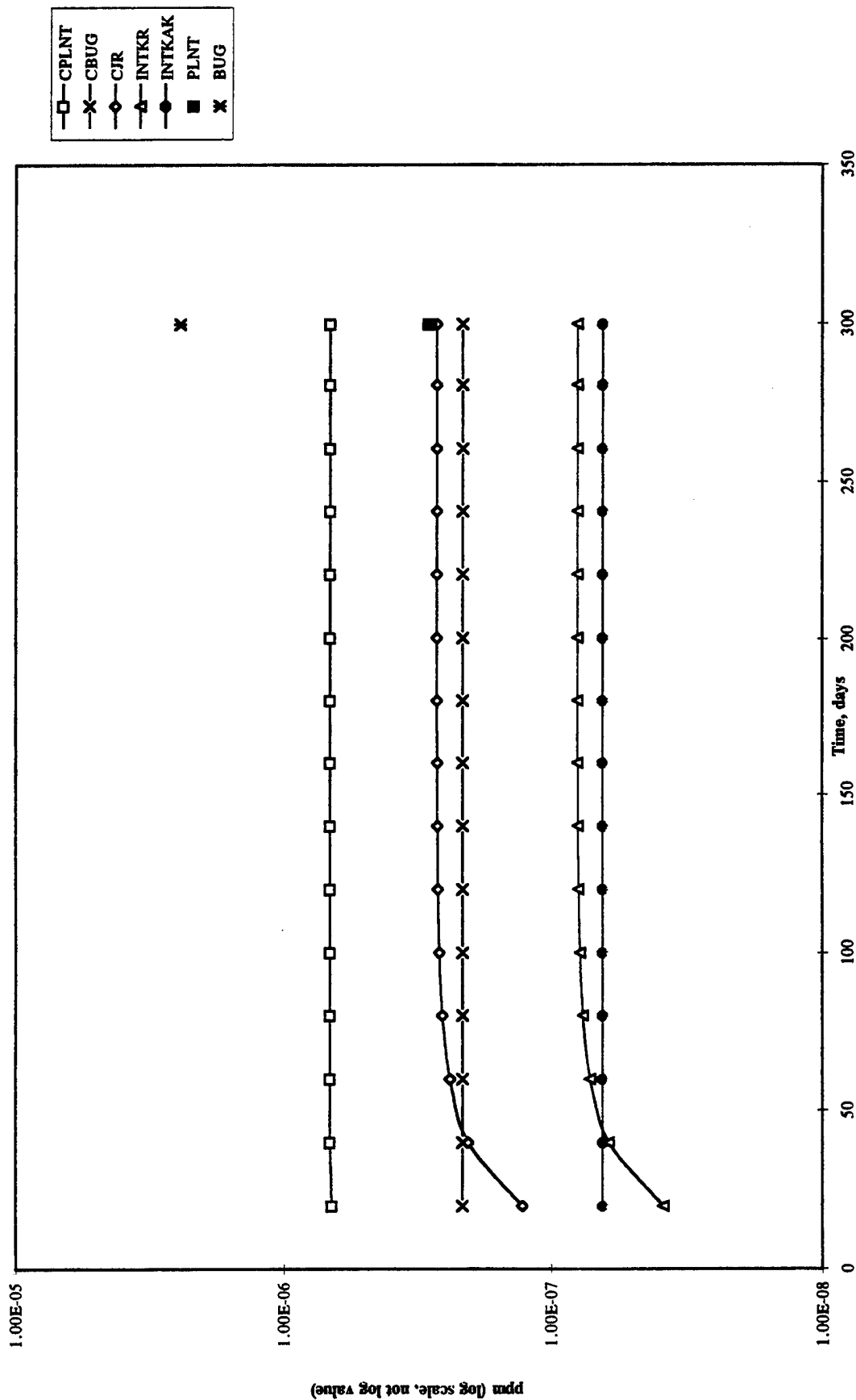
Bioaccumulation Model Results for HpCDD at SWMU 10



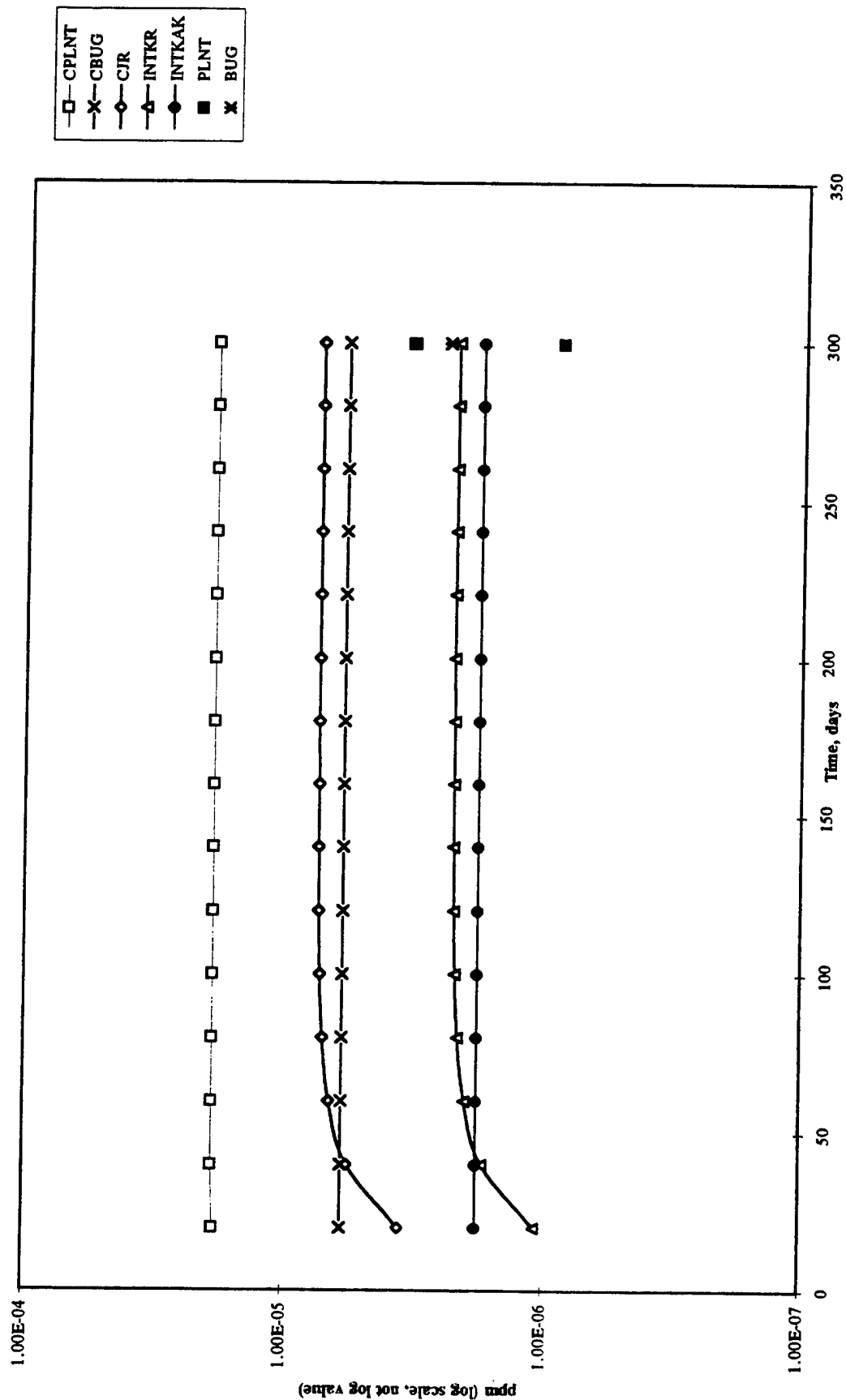
Bioaccumulation Model Results for HpCDD at SWMU 11



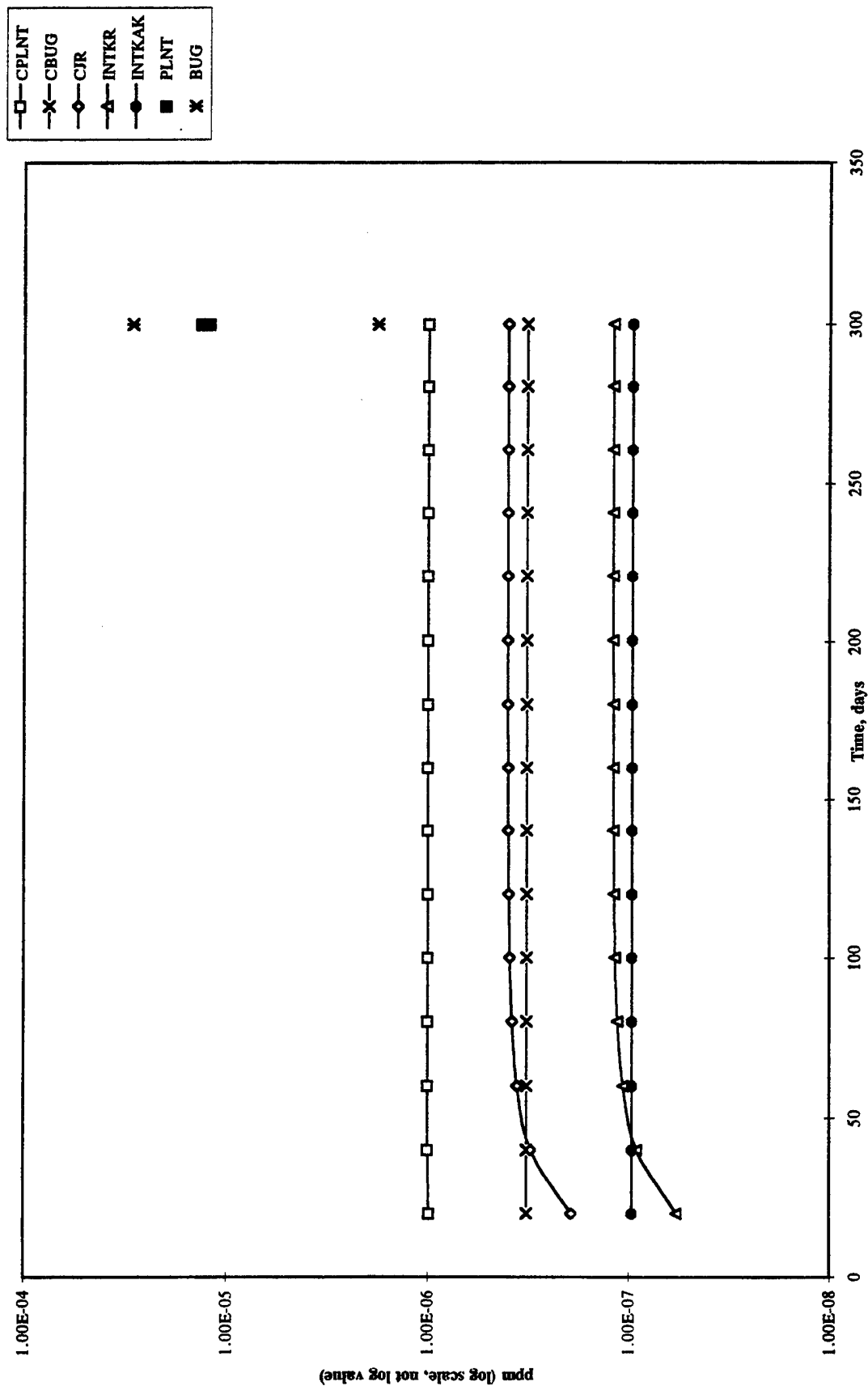
Bioaccumulation Model Results for HpCDD at SWMU 12



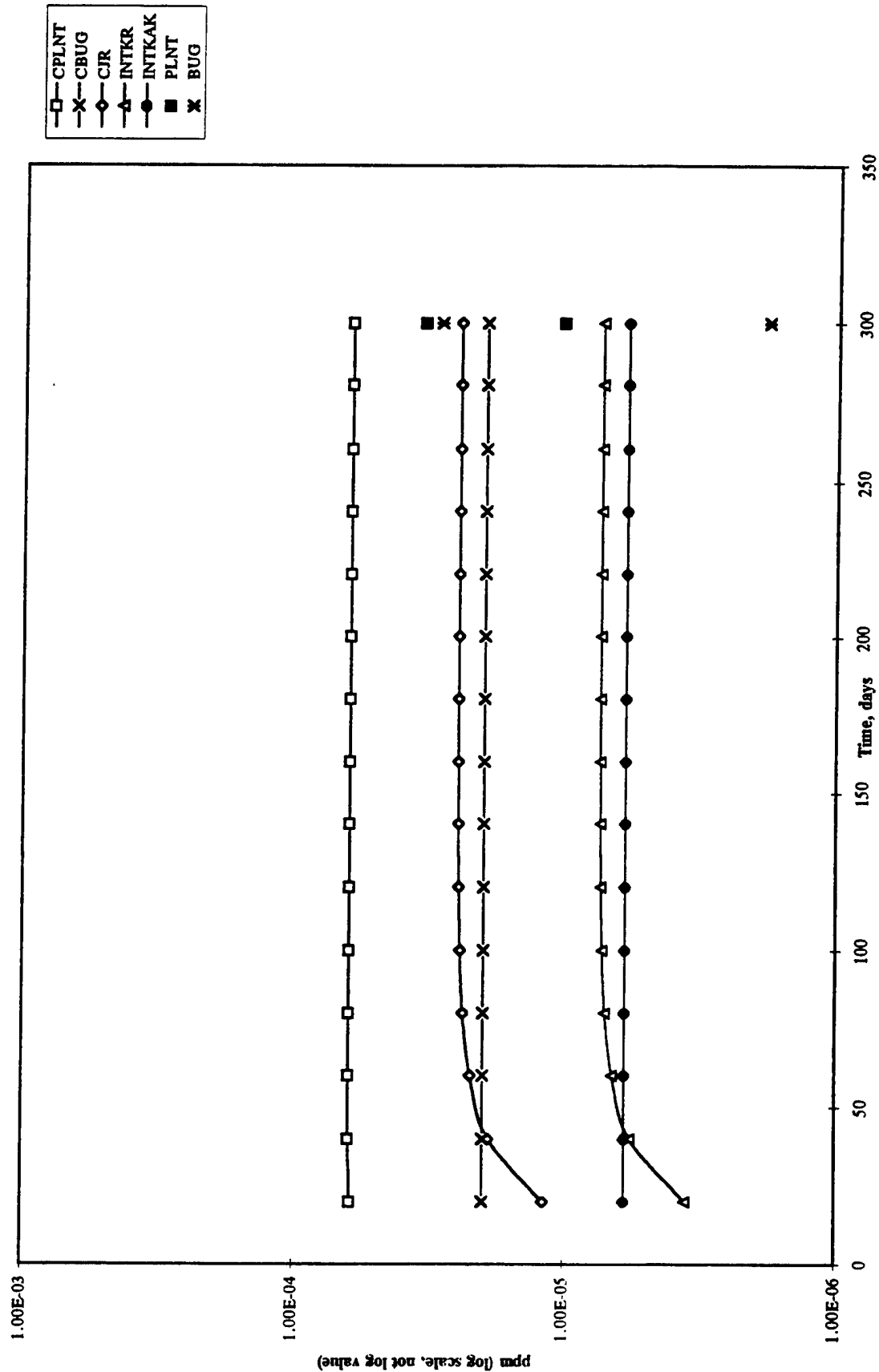
Bioaccumulation Model Results for HpCDD at SWMU 15



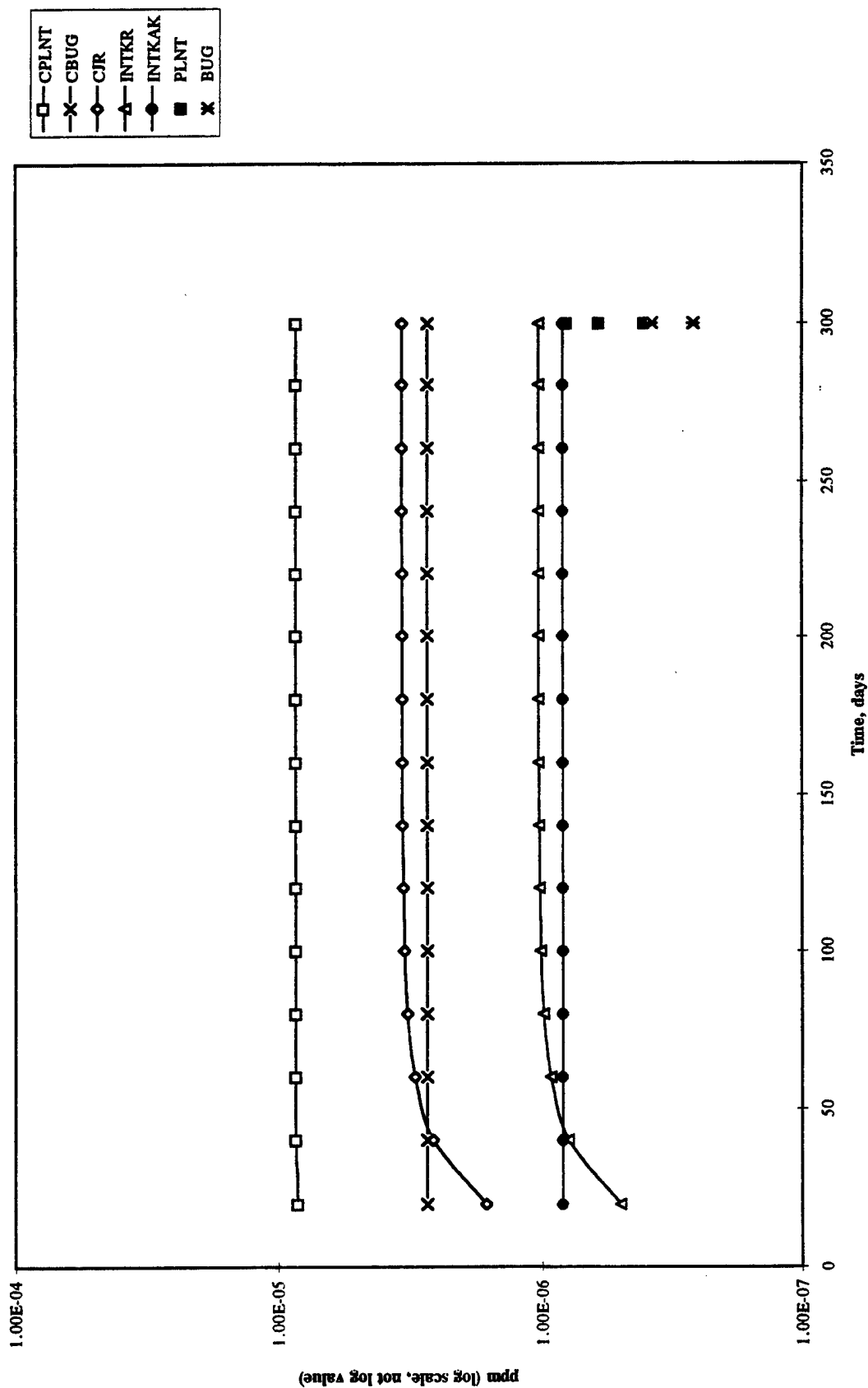
Bioaccumulation Model Results for HpCDD at SWMU 21



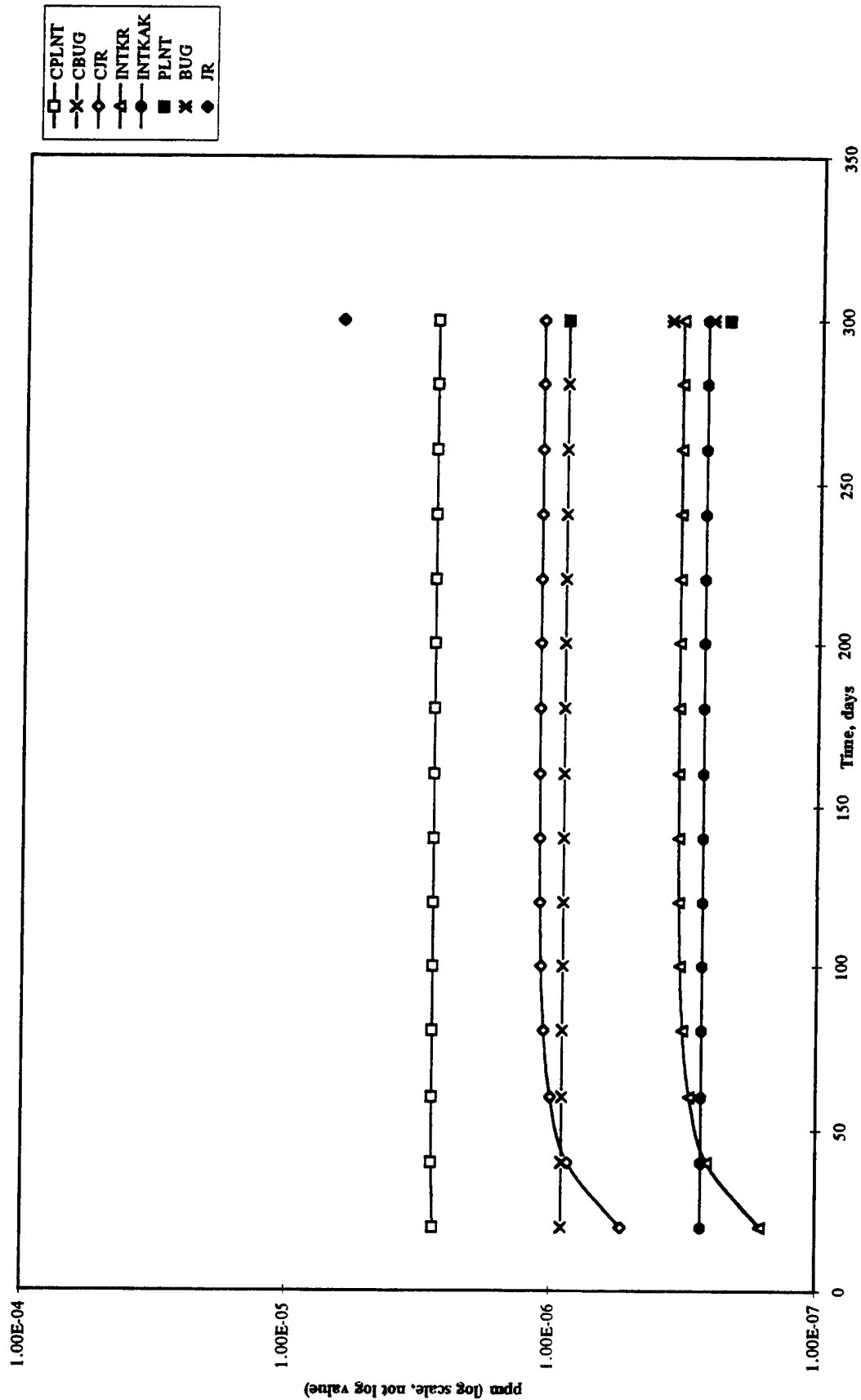
Bioaccumulation Model Results for HpCDD at SWMU 37



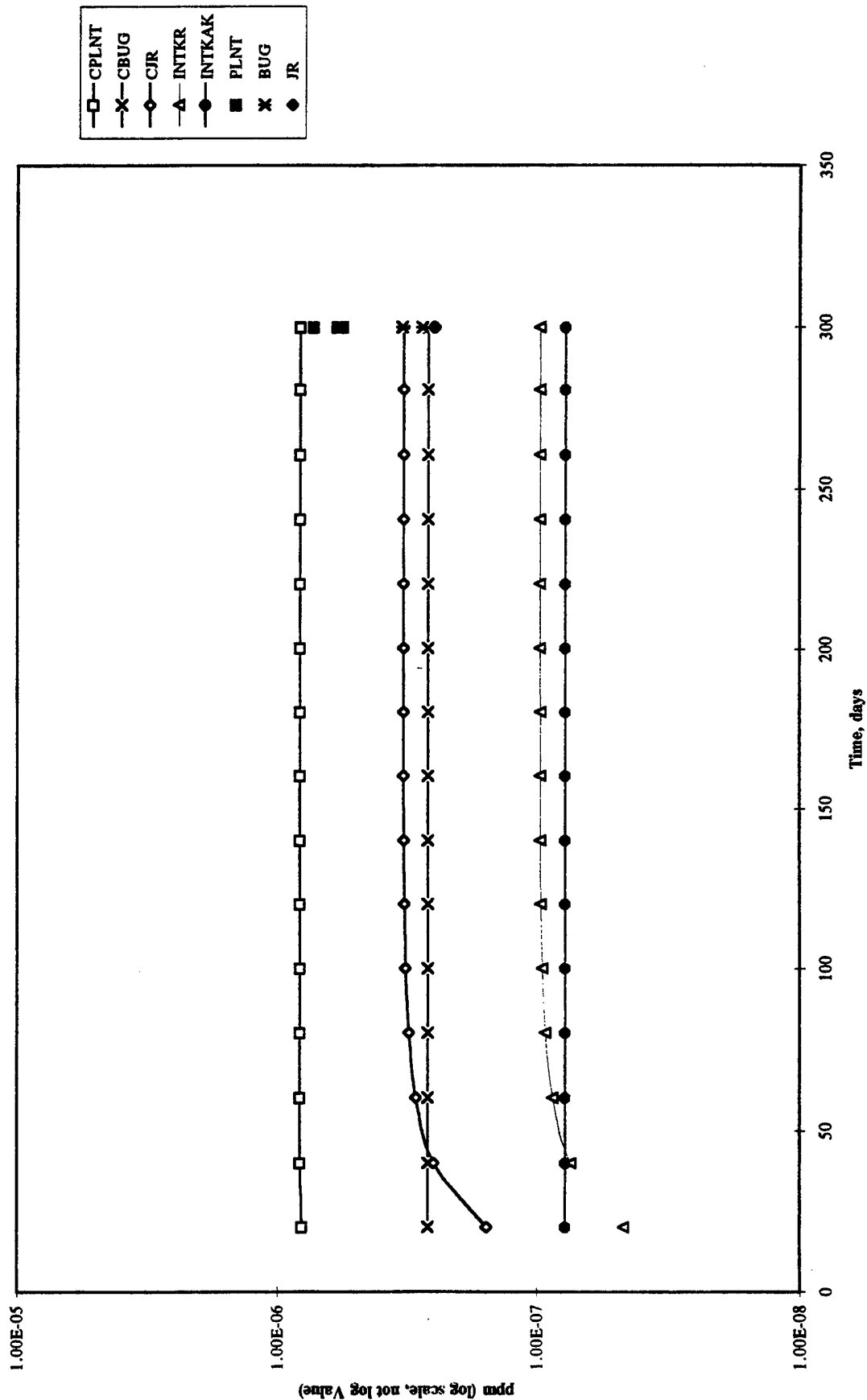
Bioaccumulation Model Results for HpCDD at SWMU 42



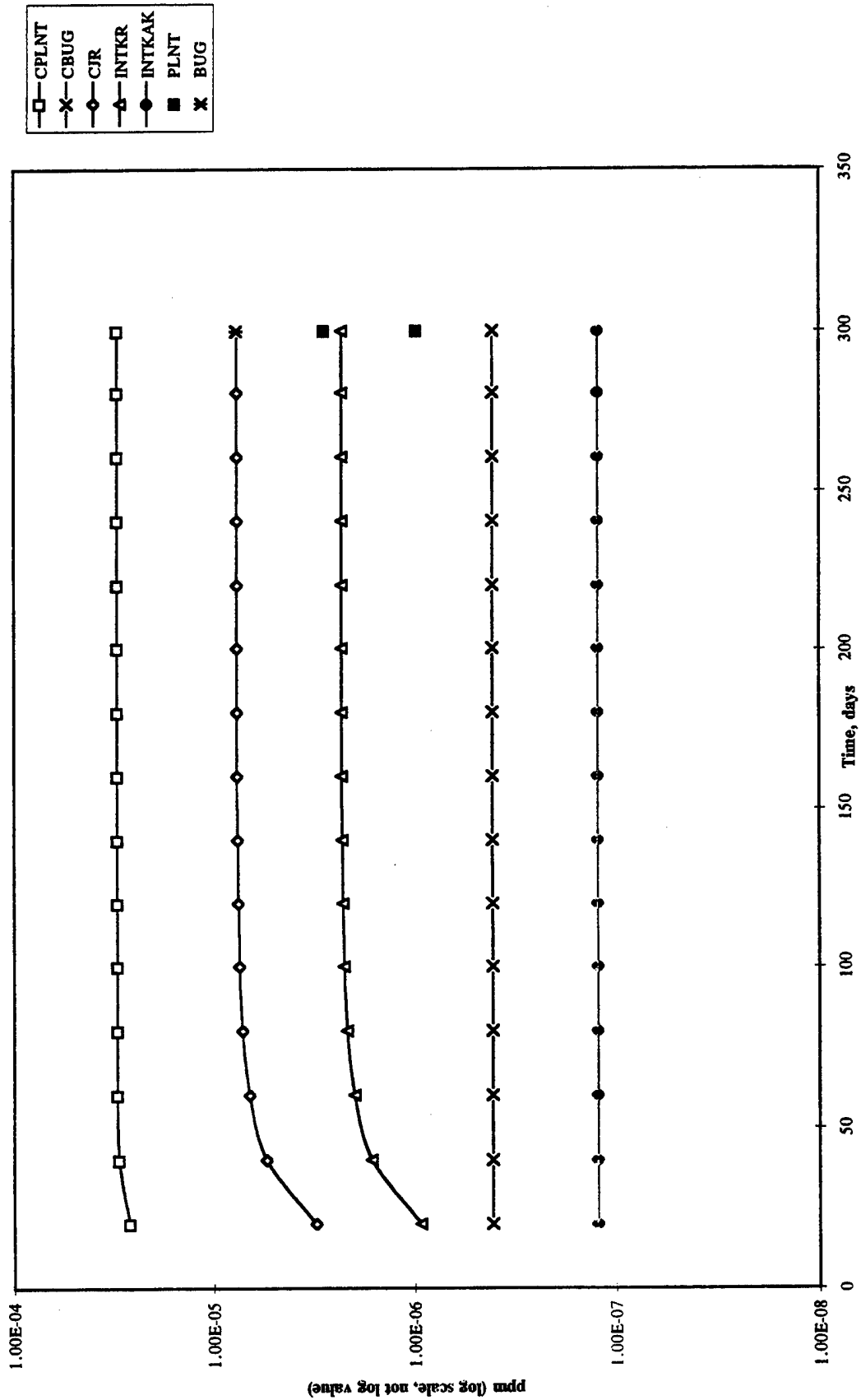
Bioaccumulation Model Results for HpCDD at SWMU 45



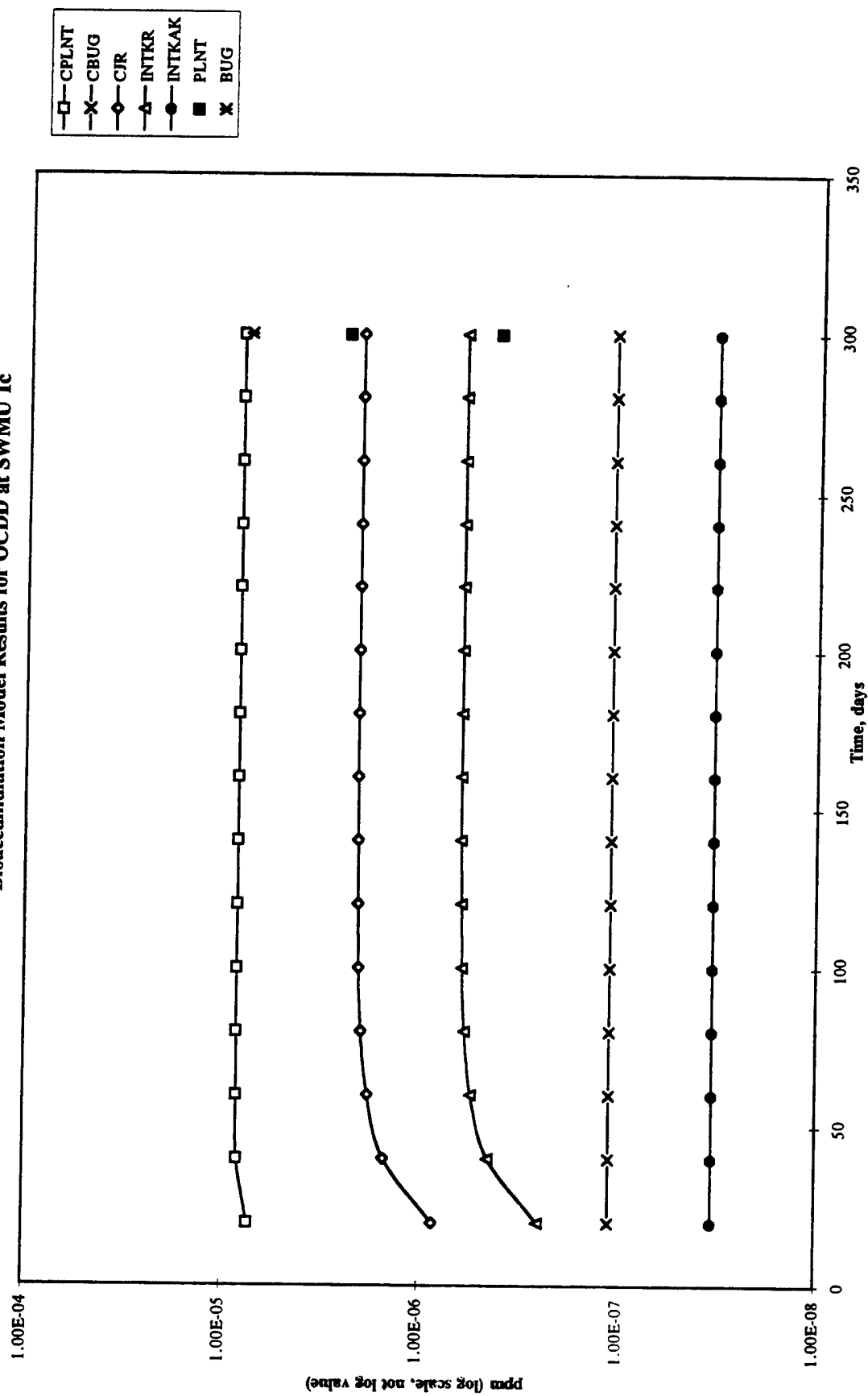
Bioaccumulation Model Results for HpCDD at the RSA



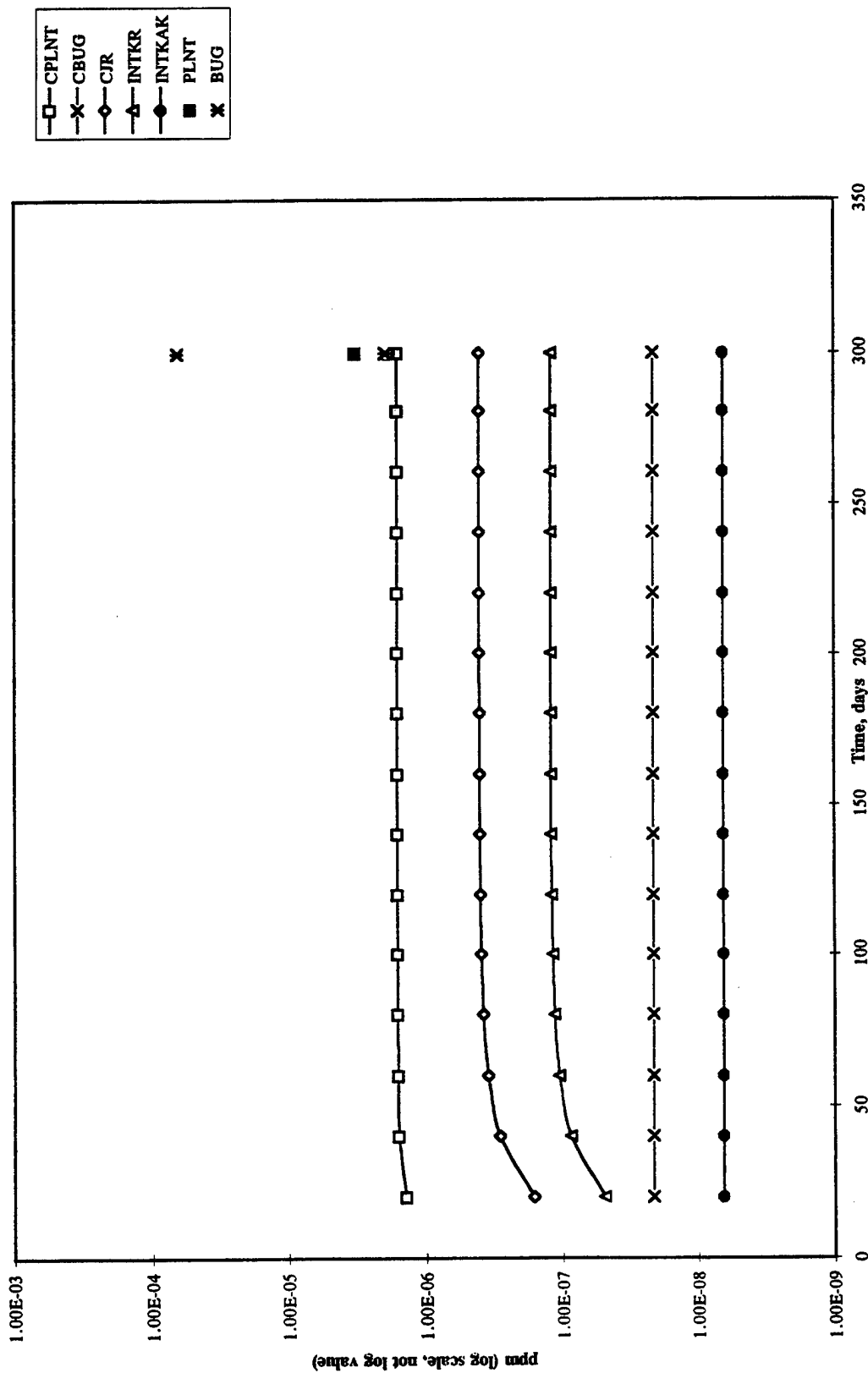
Bioaccumulation Model Results for OCDD at SWMU 1b



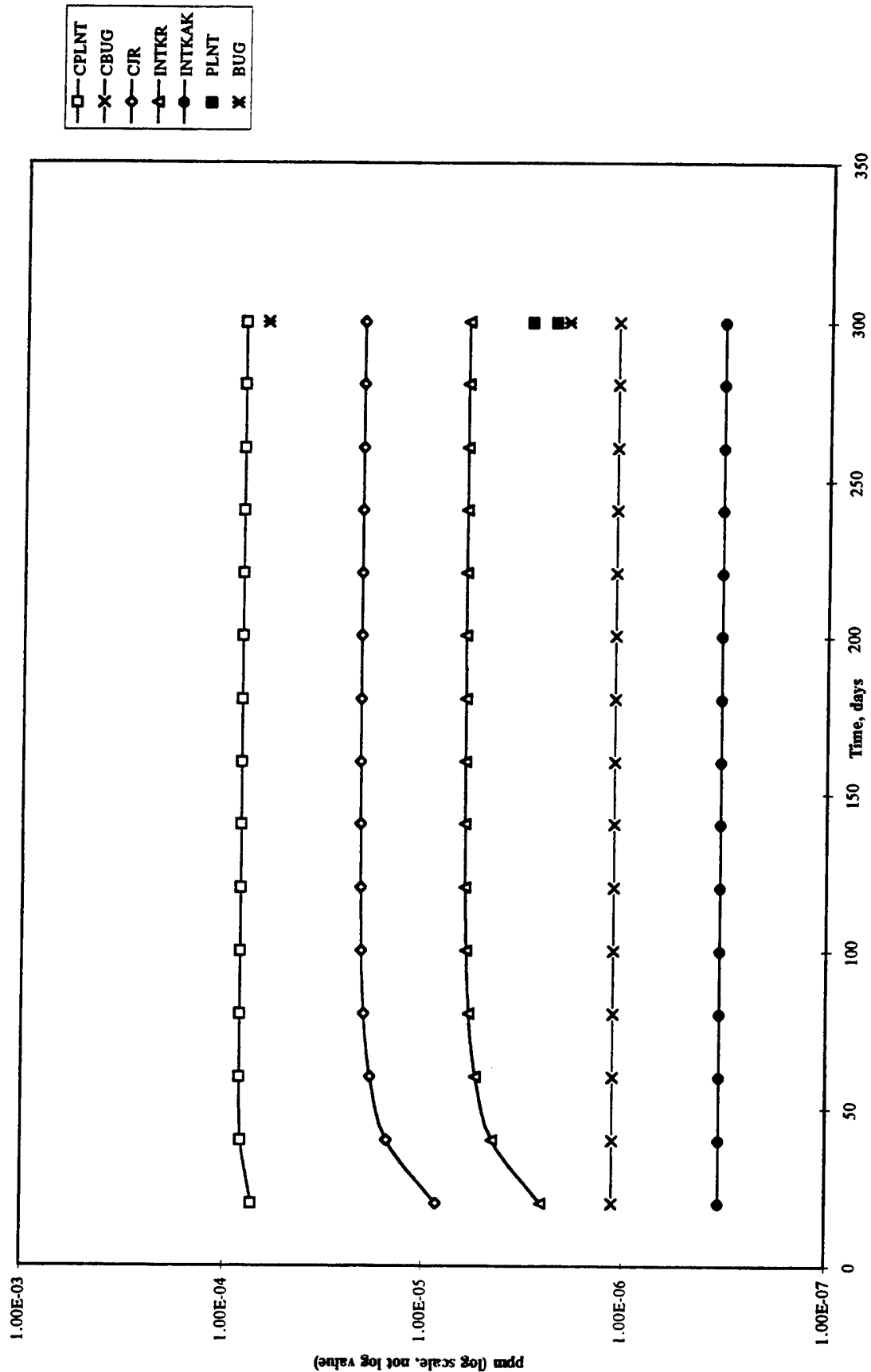
Bioaccumulation Model Results for OCDD at SWMU 1c



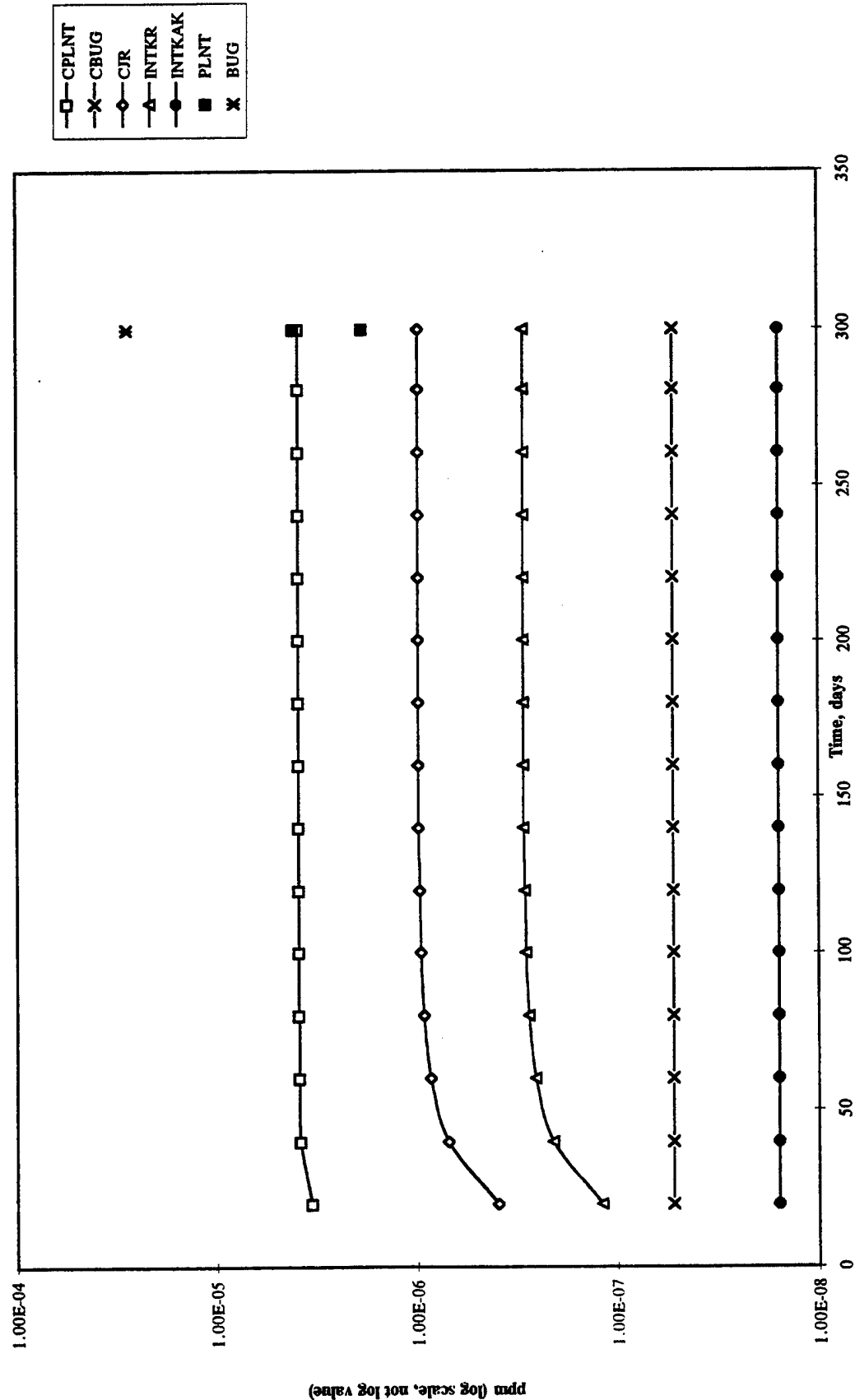
Bioaccumulation Model Results for OCDD at SWMU 10



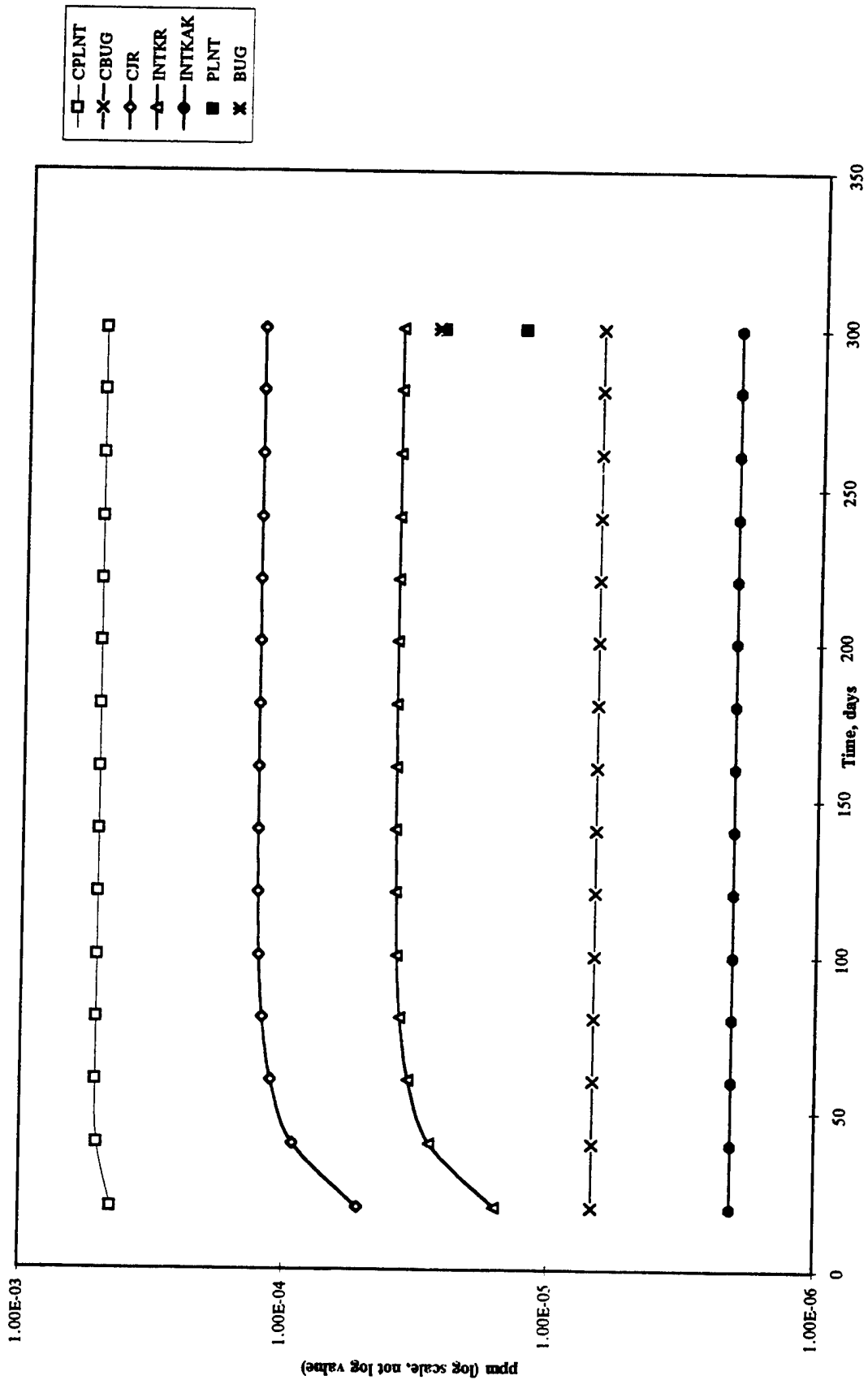
Bioaccumulation Model Results for OCDD at SWMU 11



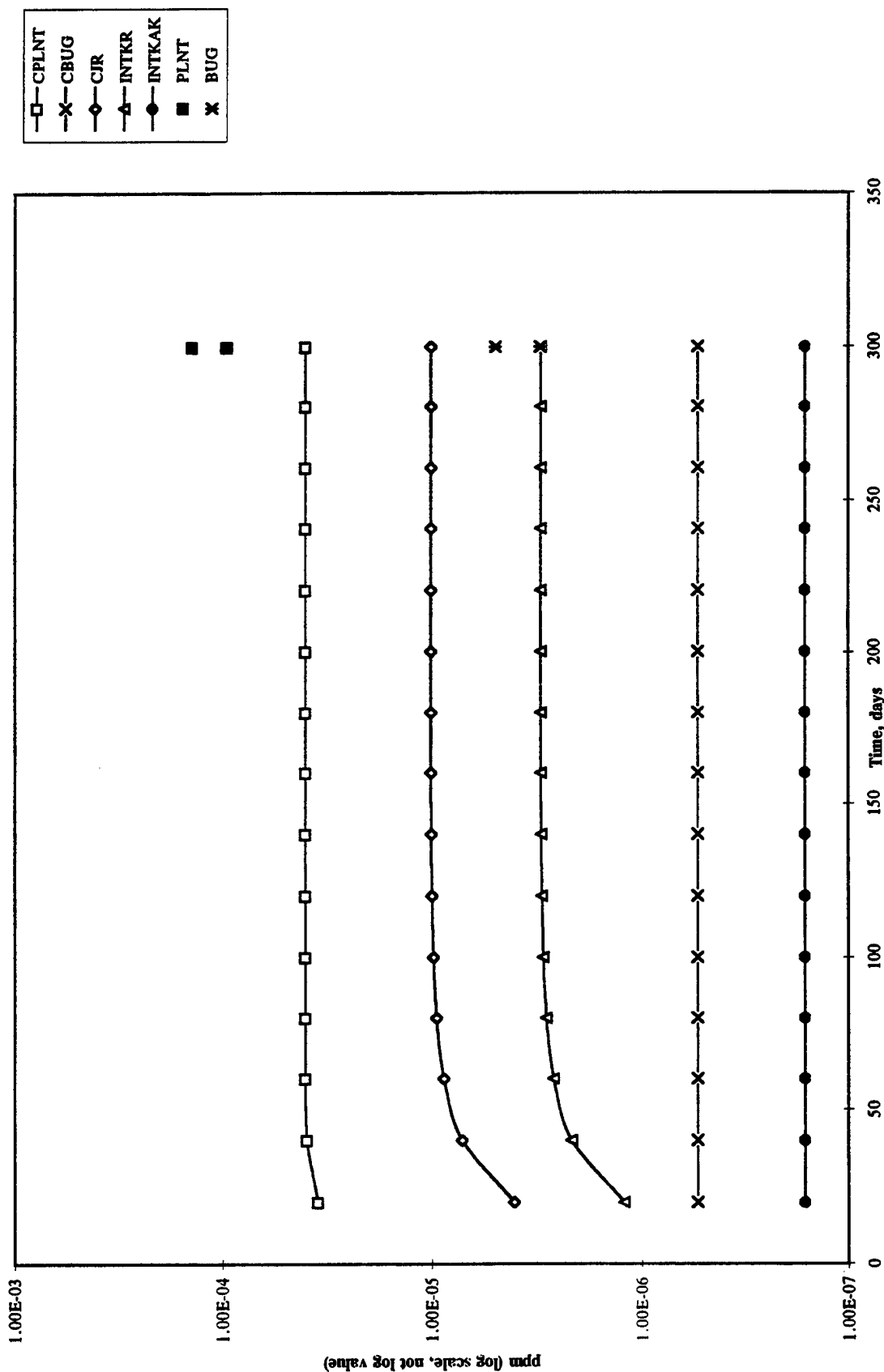
Bioaccumulation Model Results for OCDD at SWMU 12



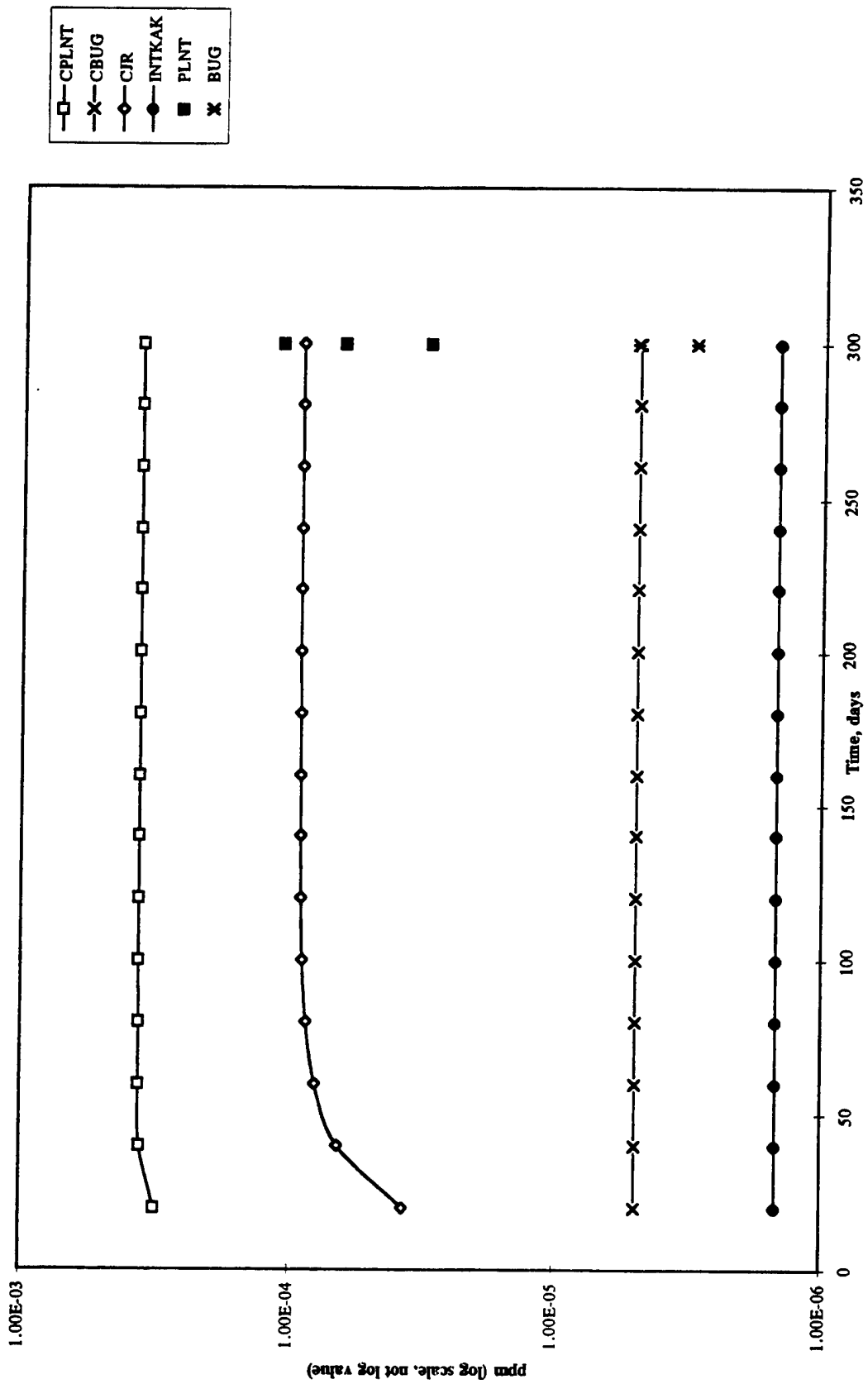
Bioaccumulation Model Results for OCDD at SWMU 15



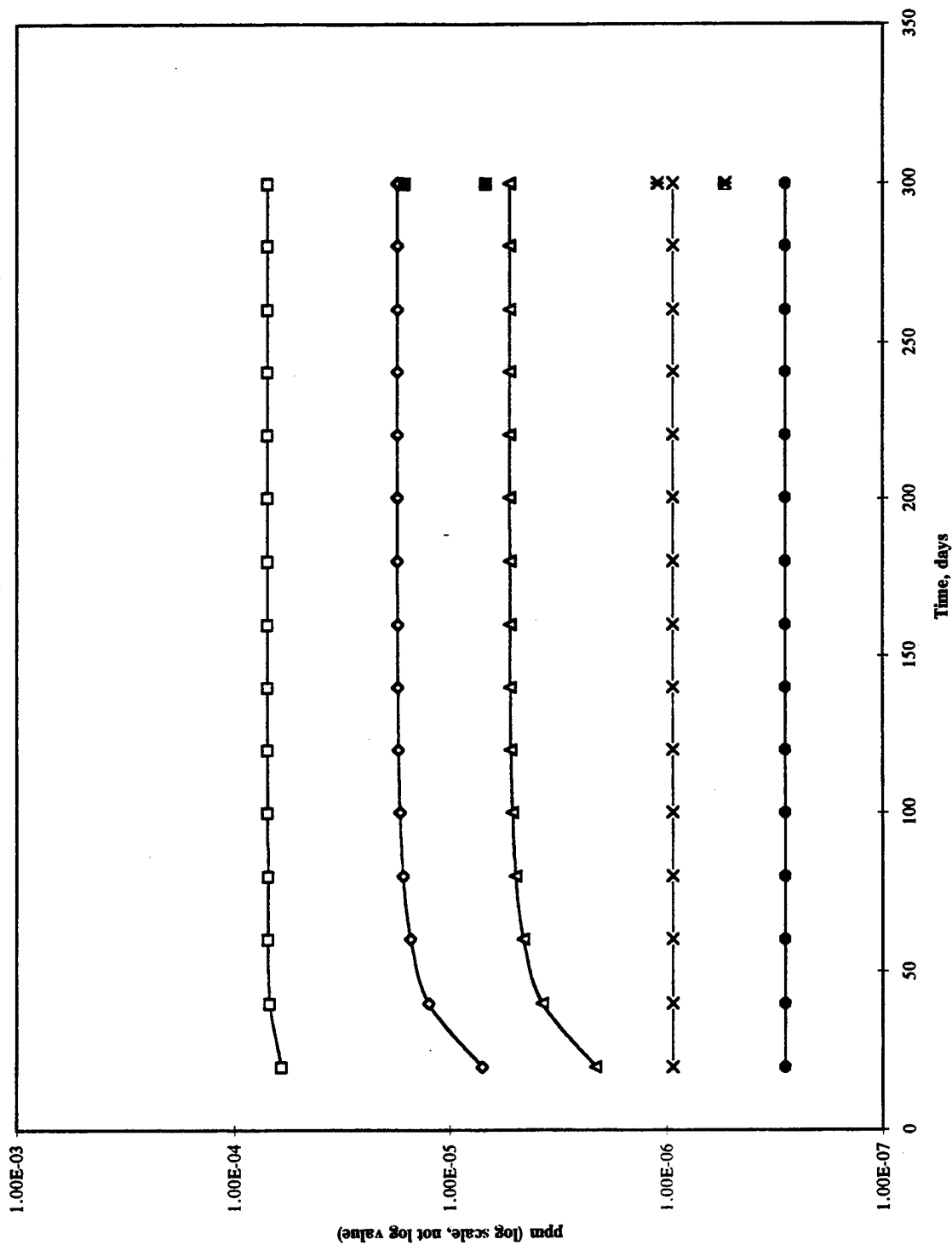
Bioaccumulation Model Results for OCDD at SWMU 21



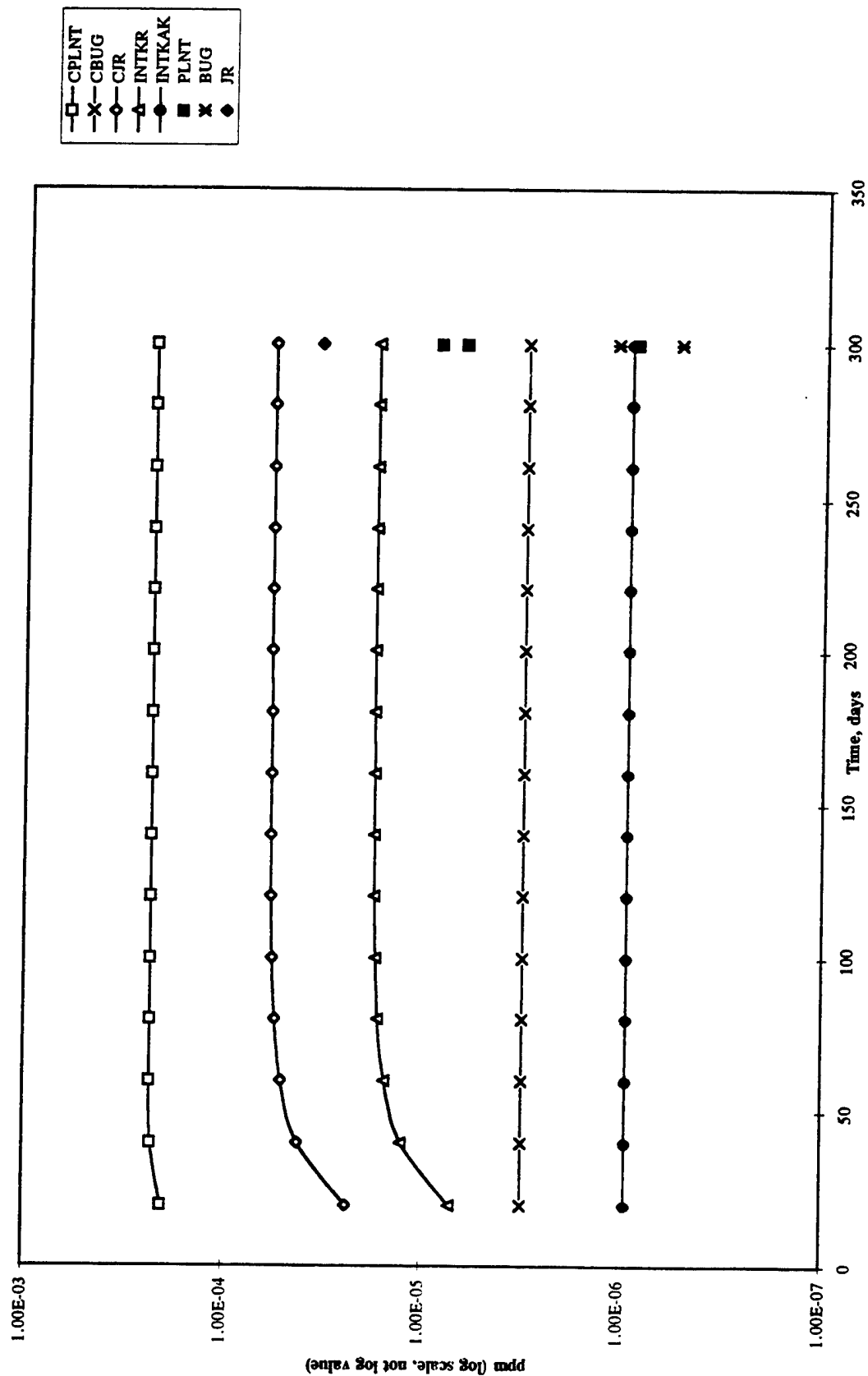
Bioaccumulation Model Results for OCDD at SWMU 37



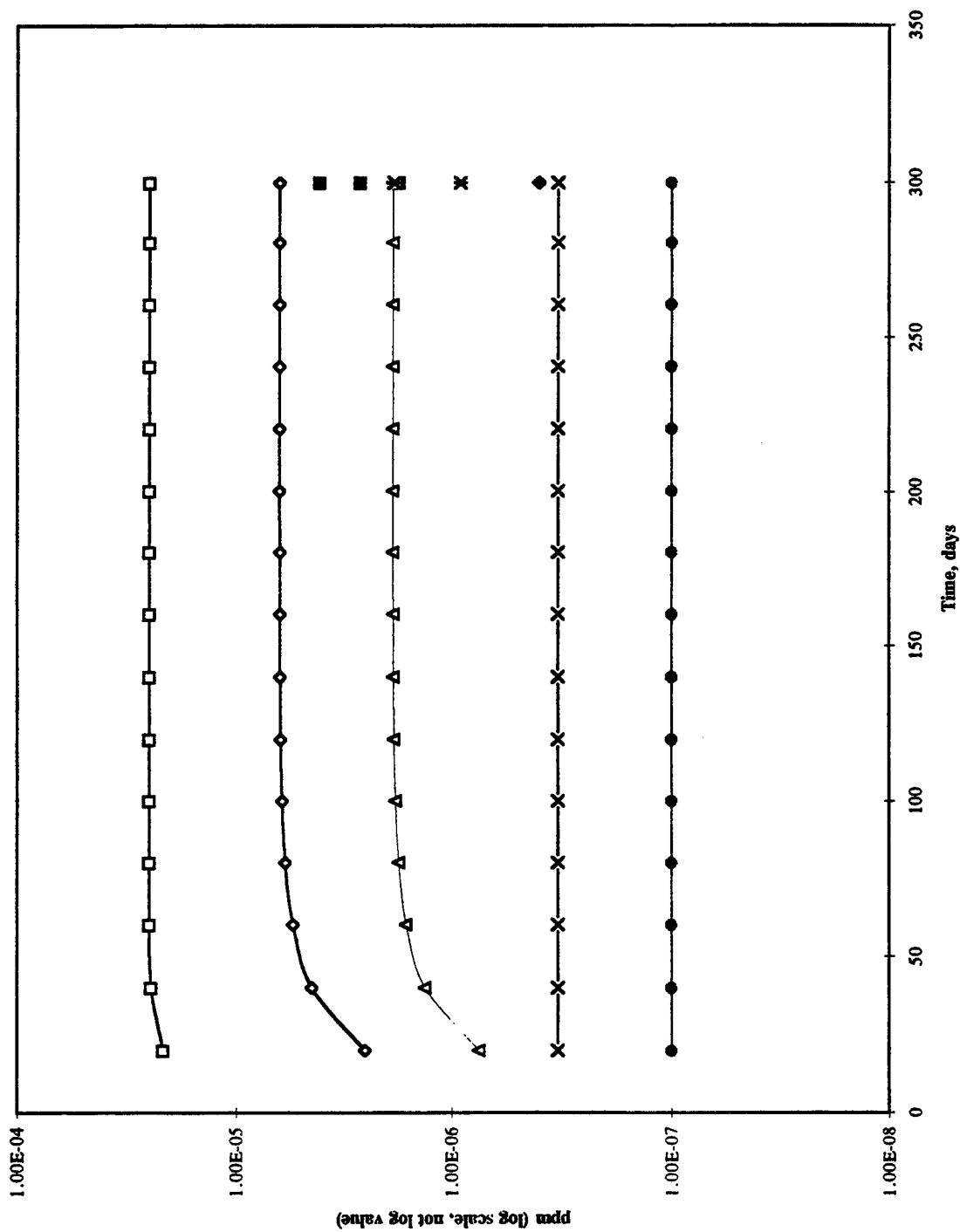
Bioaccumulation Model Results for OCDD at SWMU 42



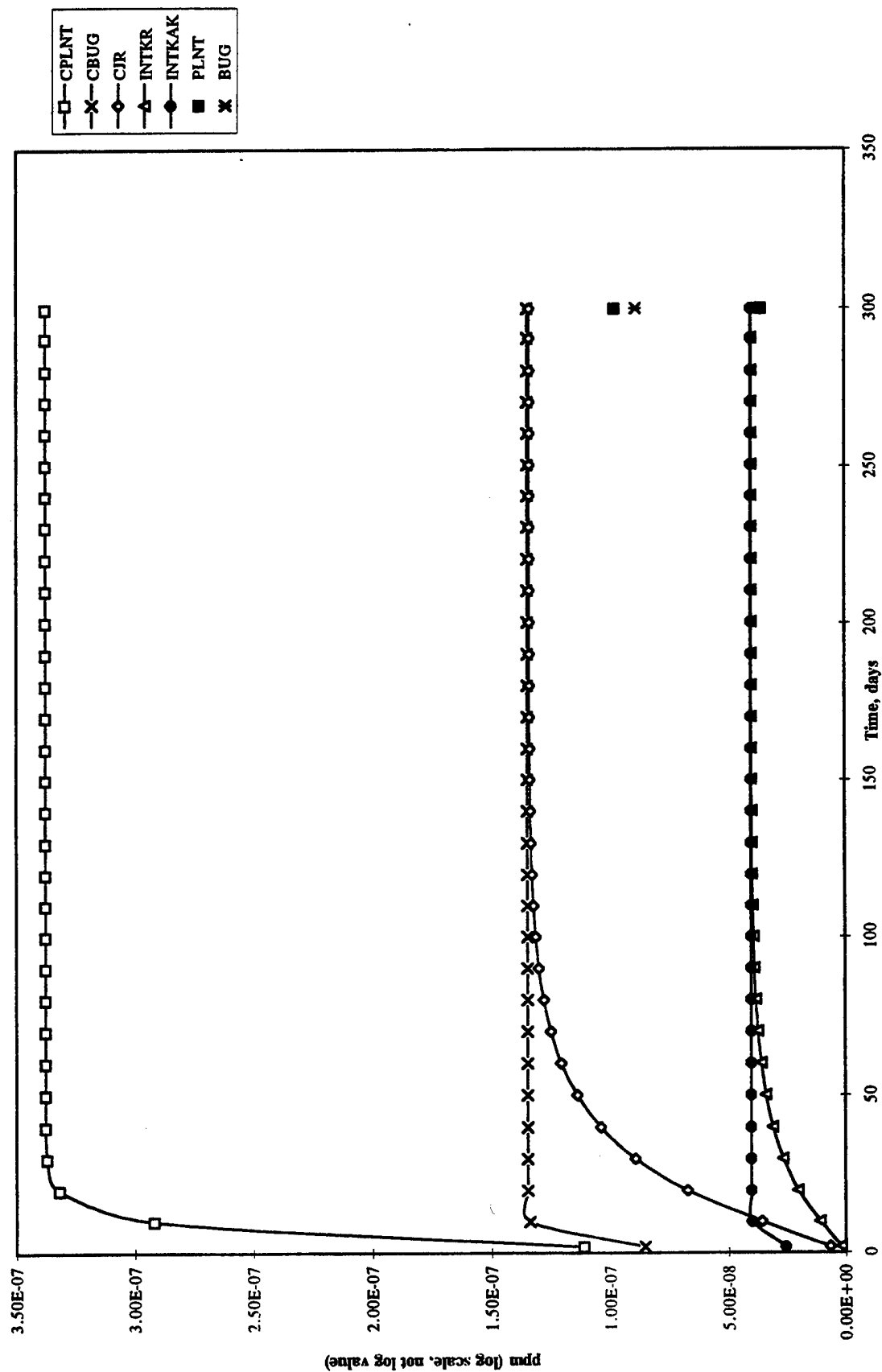
Bioaccumulation Model Results for OCDD at SWMU 45



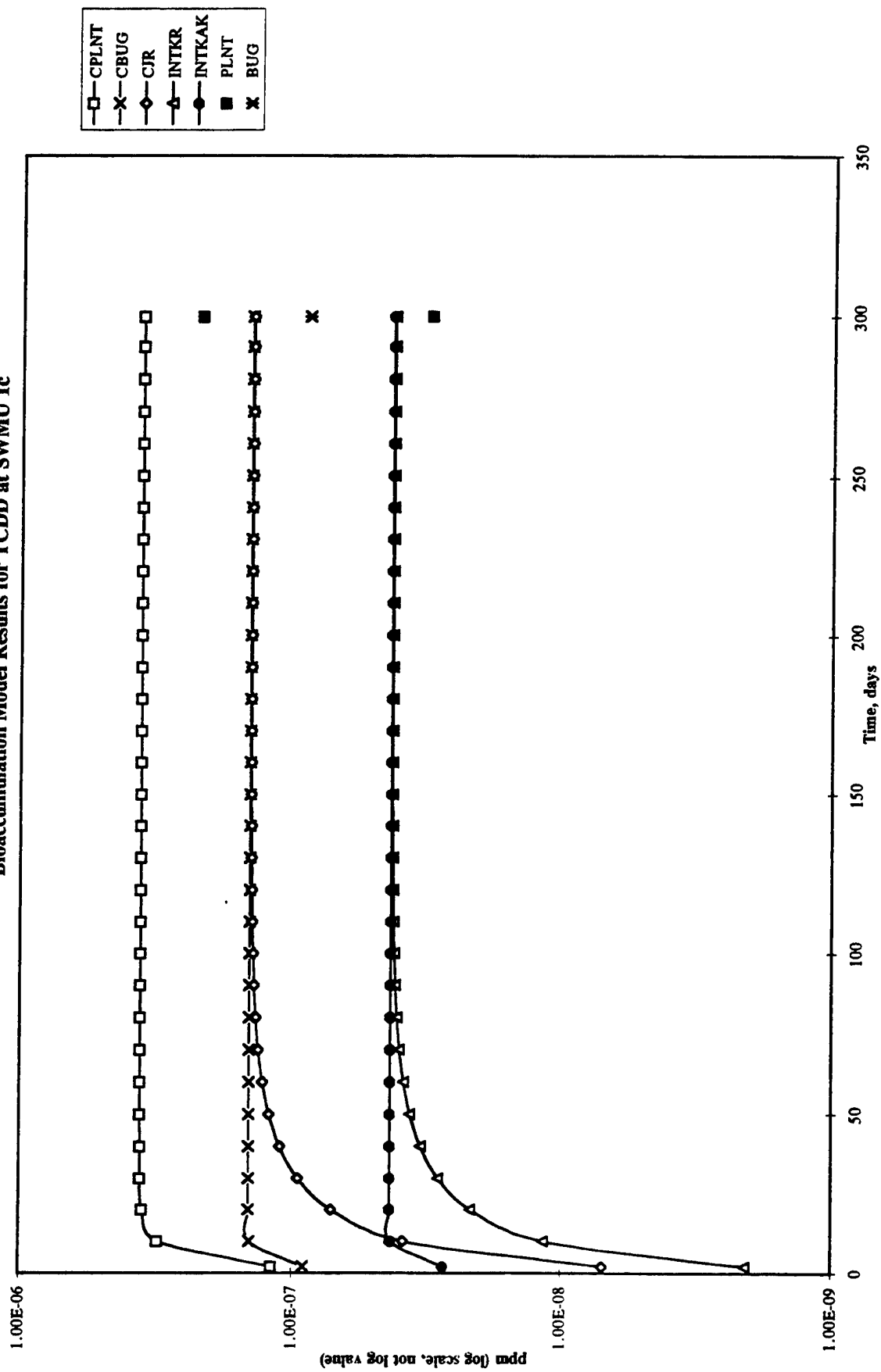
Bioaccumulation Model Results for OCDD at the RSA



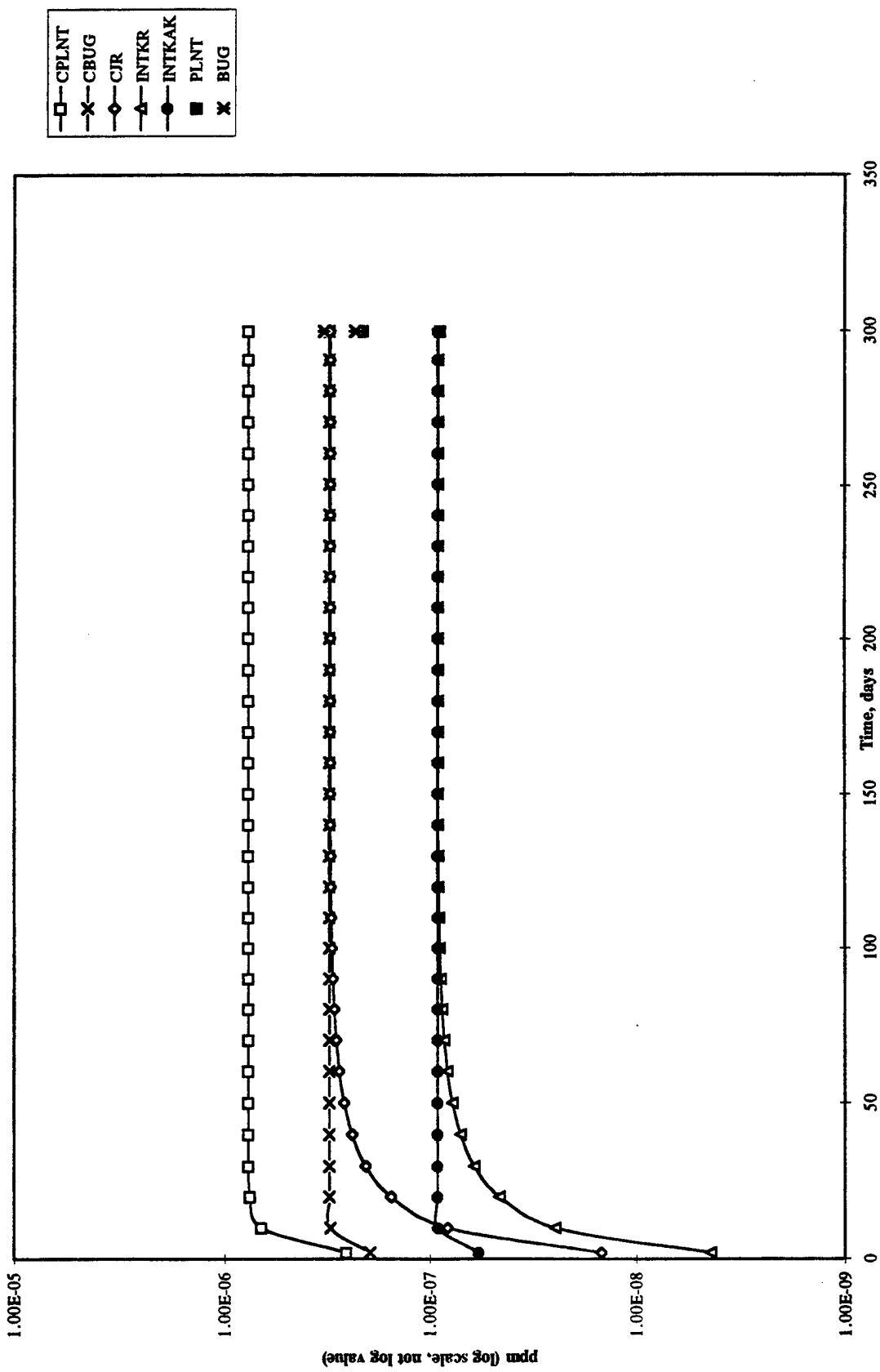
Bioaccumulation Model Results for TCDD at SWMU 1b



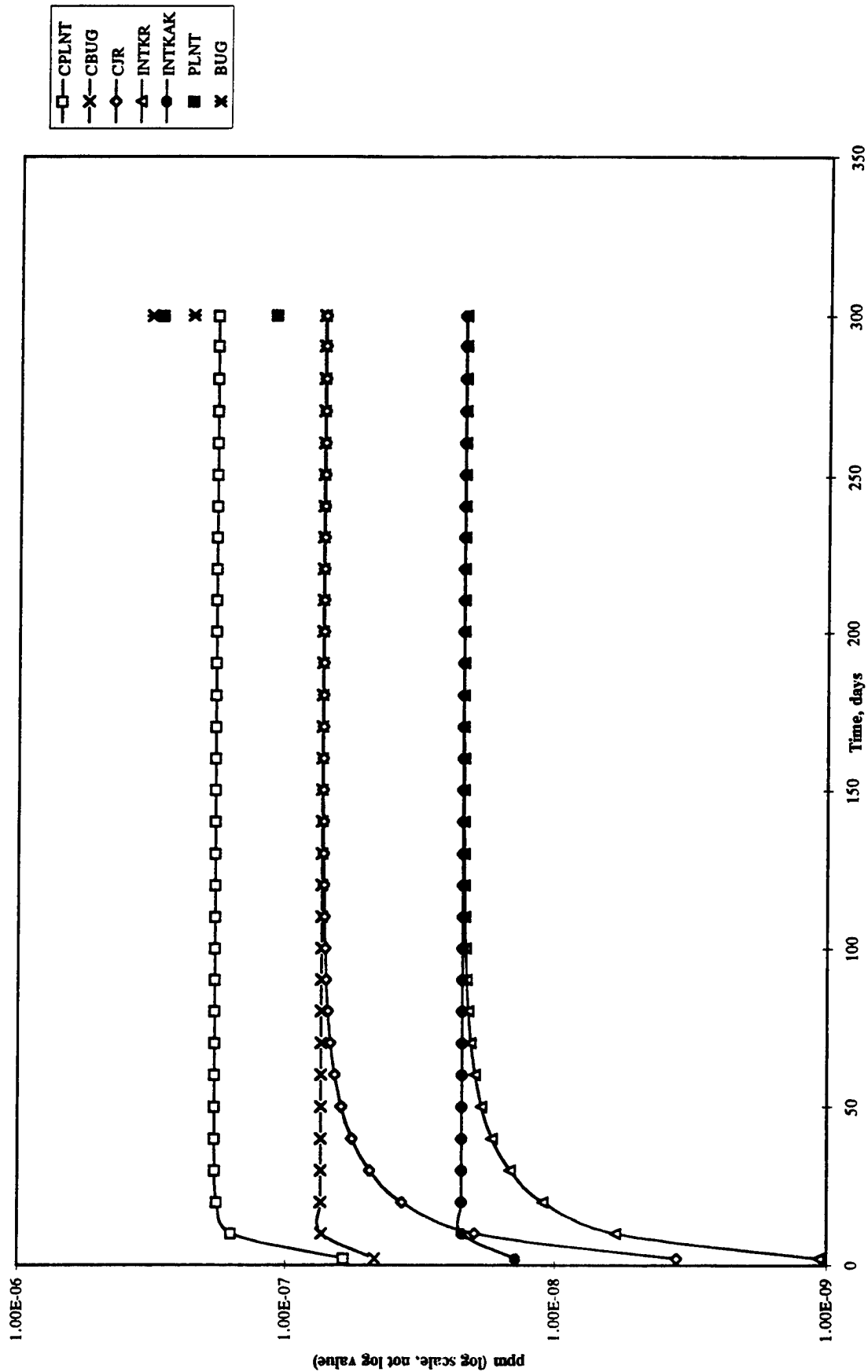
Bioaccumulation Model Results for TCDD at SWMU 1c



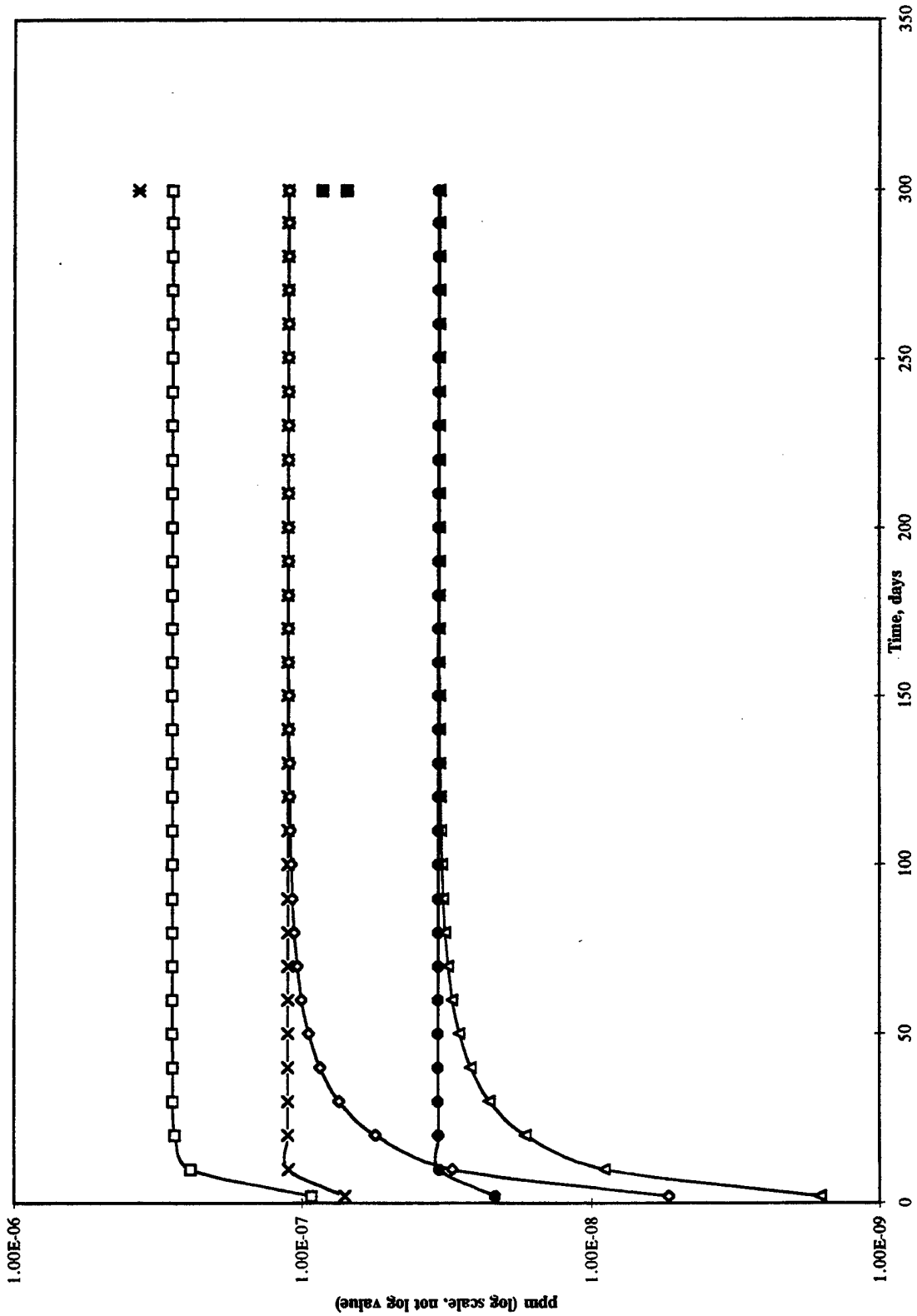
Bioaccumulation Model Results for TCDD at SWMU 10



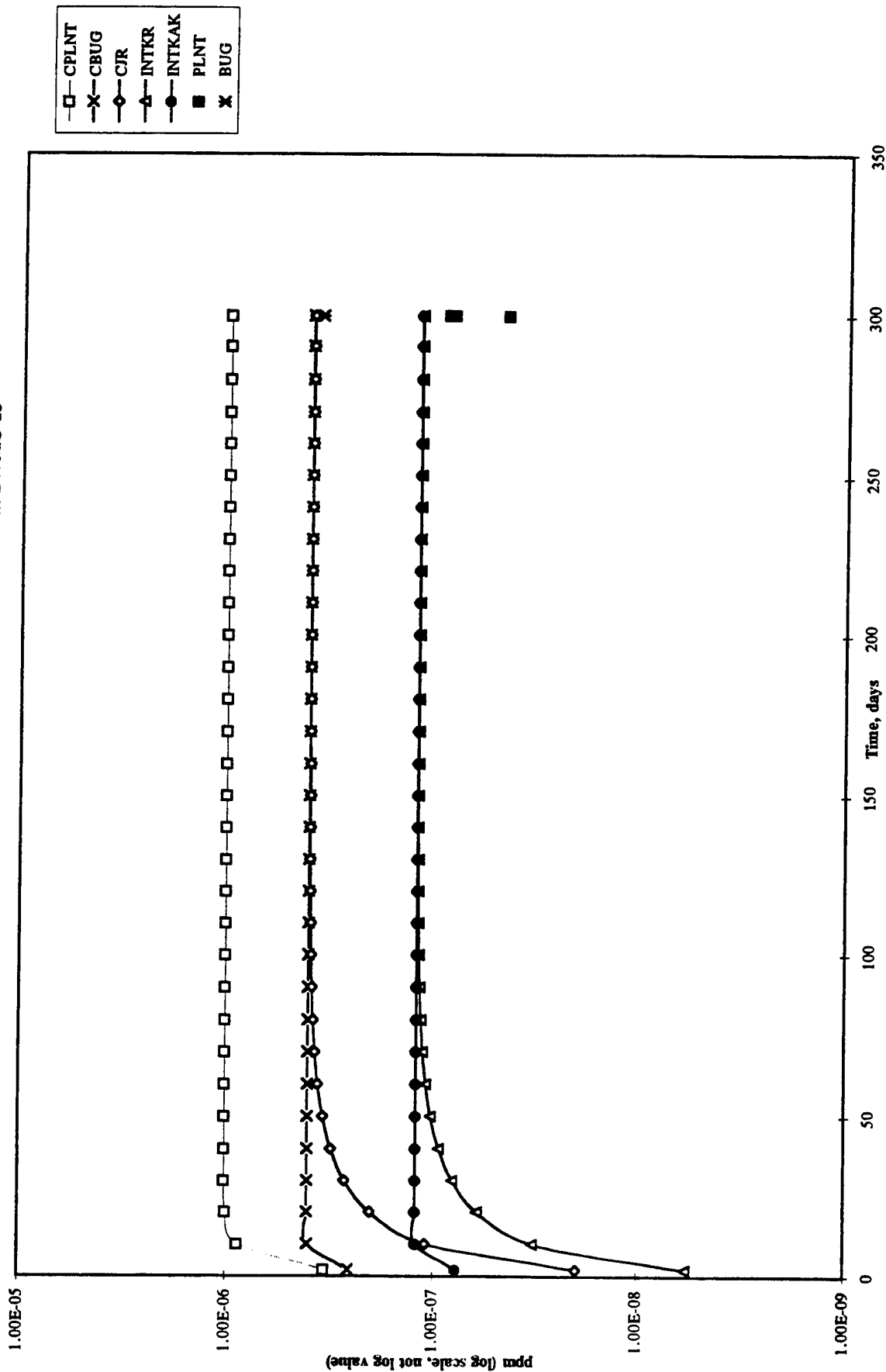
Bioaccumulation Model Results for TCDD at SWMU 11



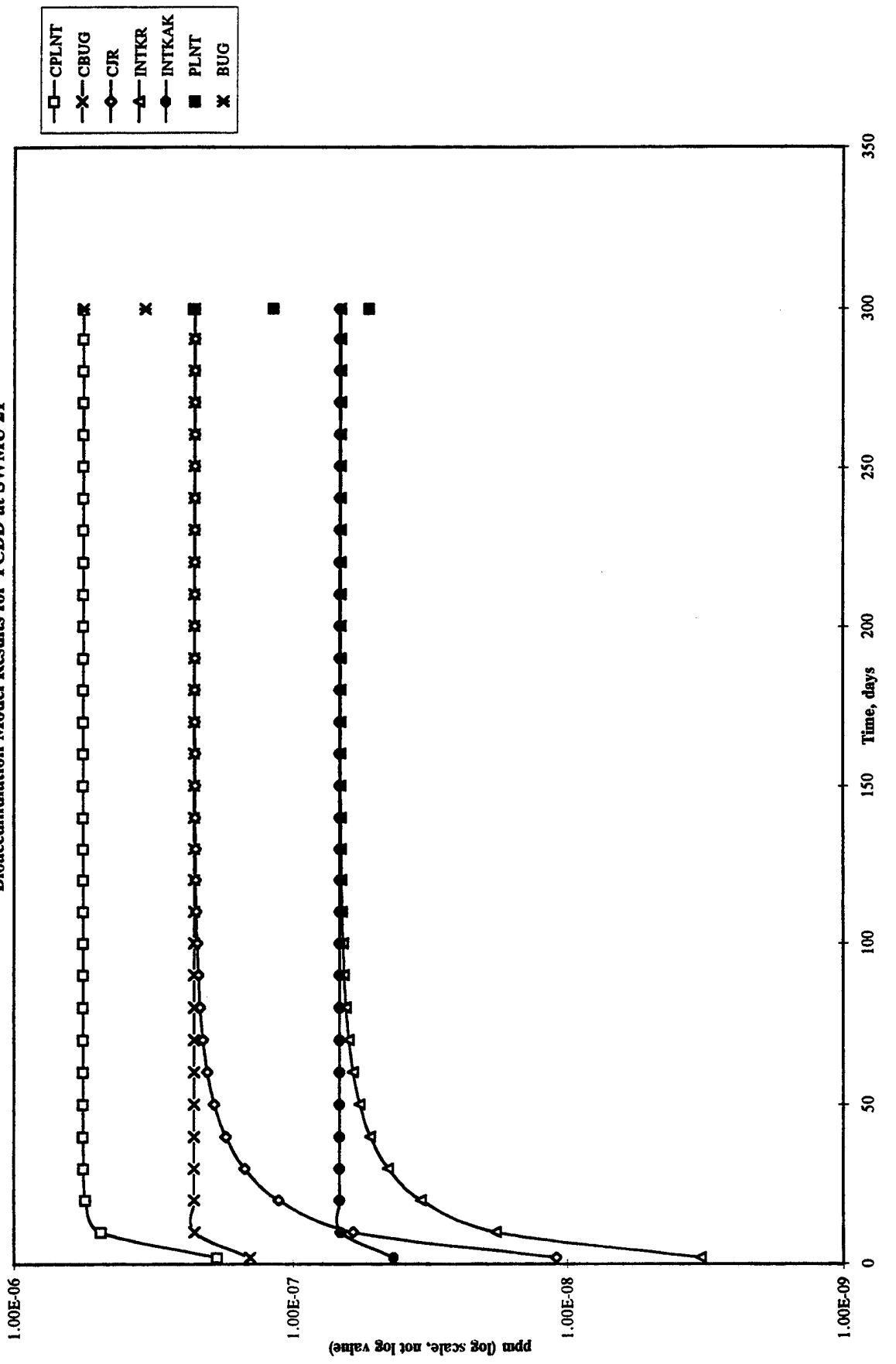
Bioaccumulation Model Results for TCDD at SWMU 12



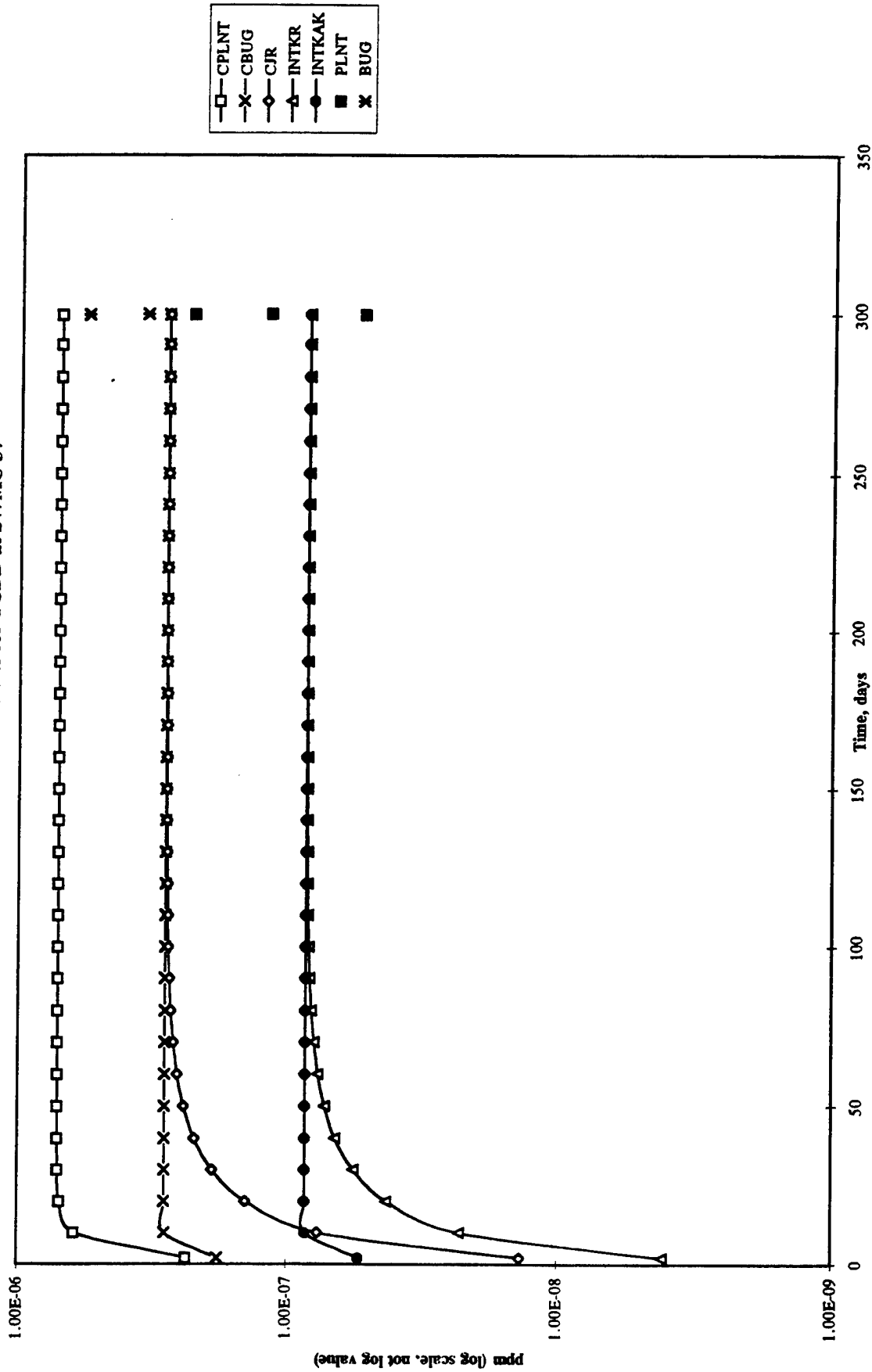
Bioaccumulation Model Results for TCDD at SWMU 15



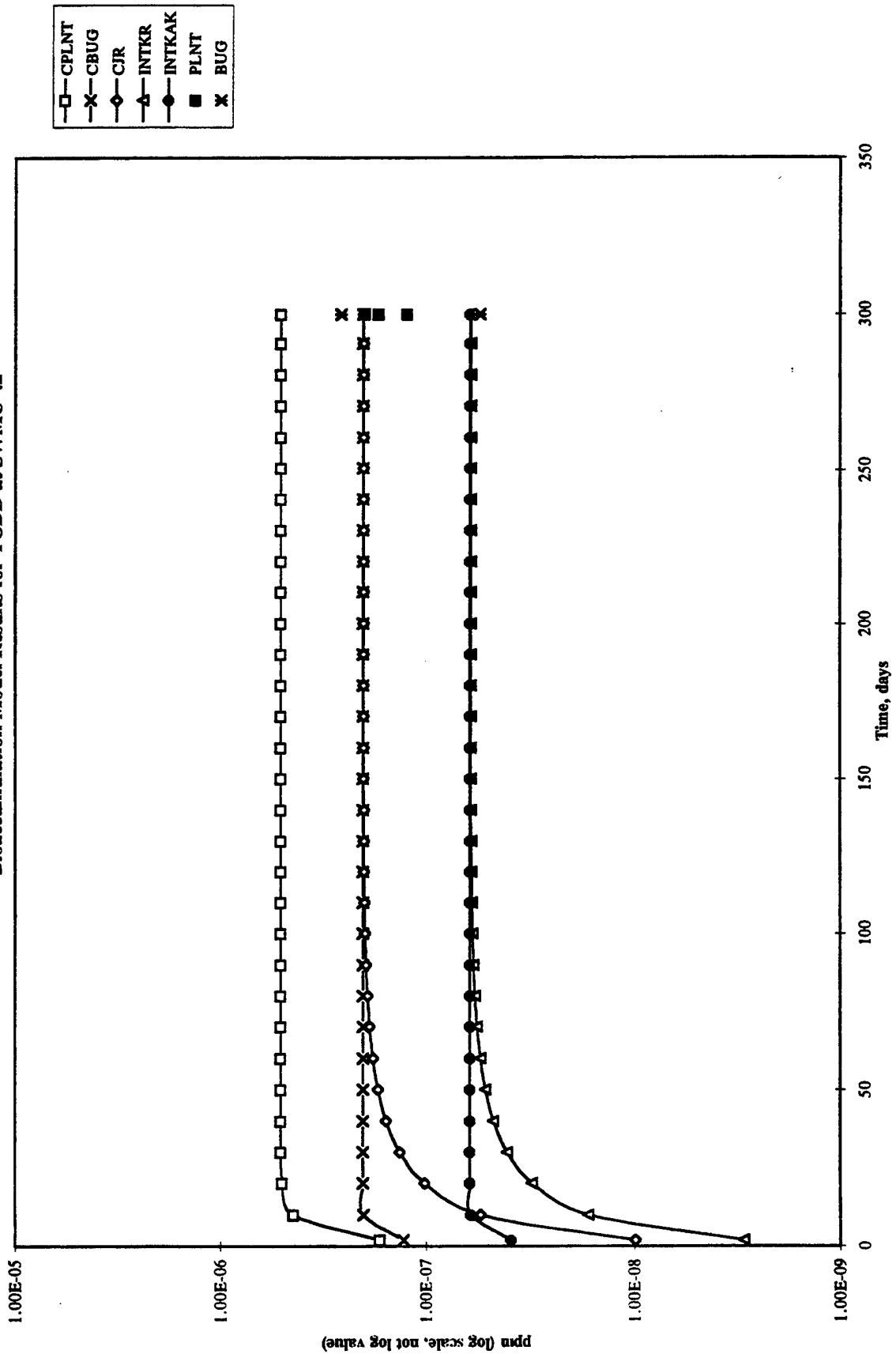
Bioaccumulation Model Results for TCDD at SWMU 21



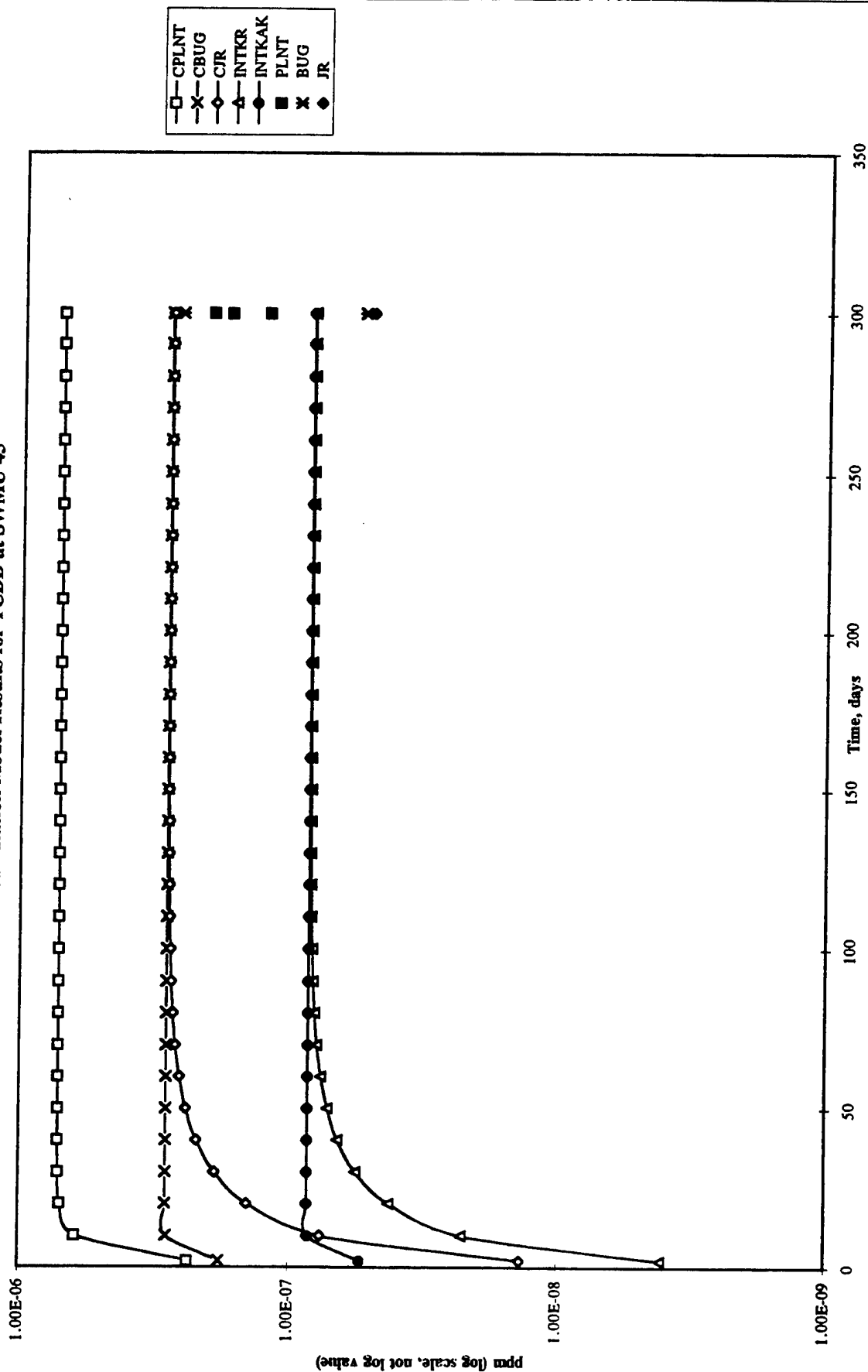
Bioaccumulation Model Results for TCDD at SWMU 37



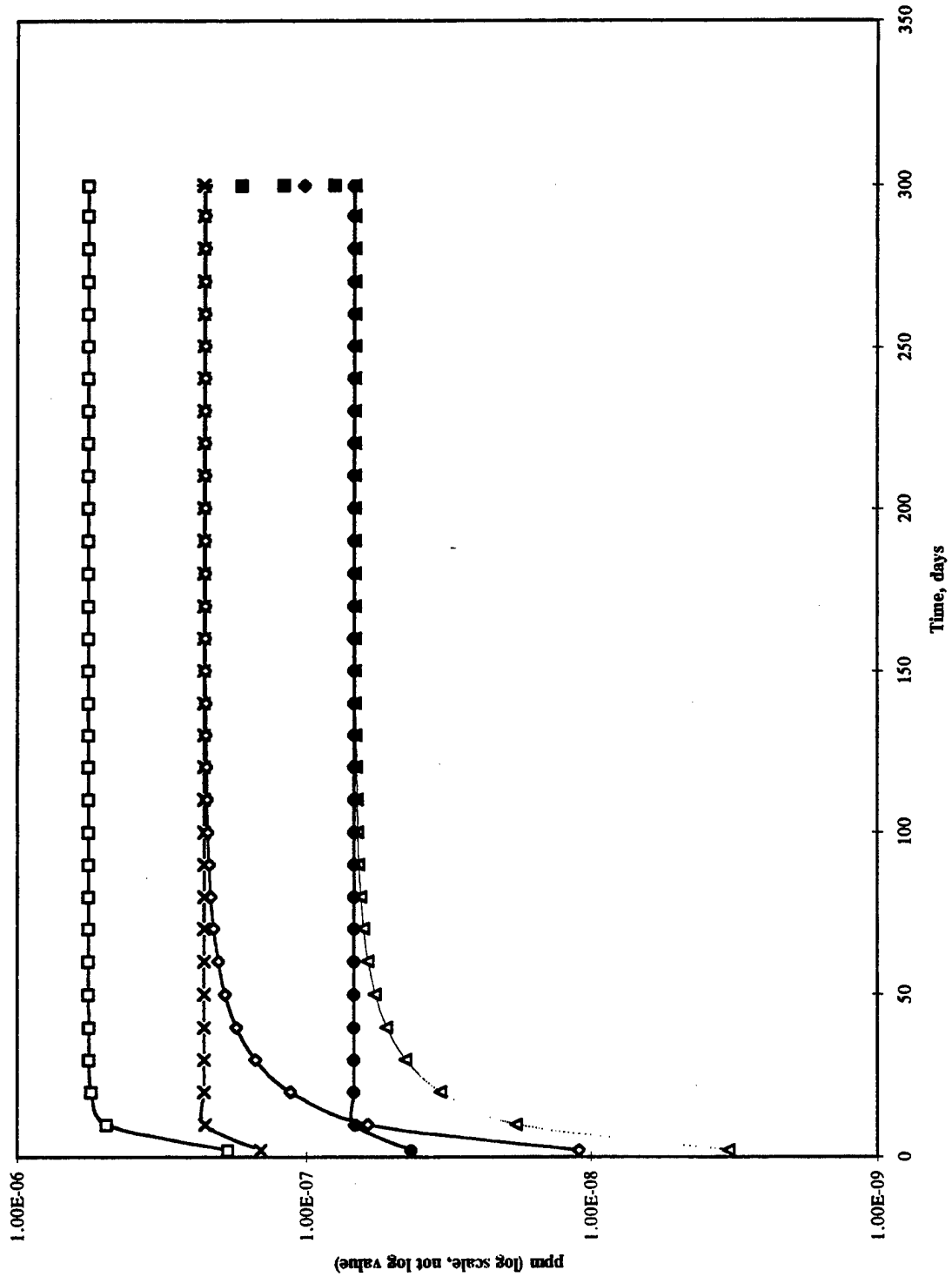
Bioaccumulation Model Results for TCDD at SWMU 42



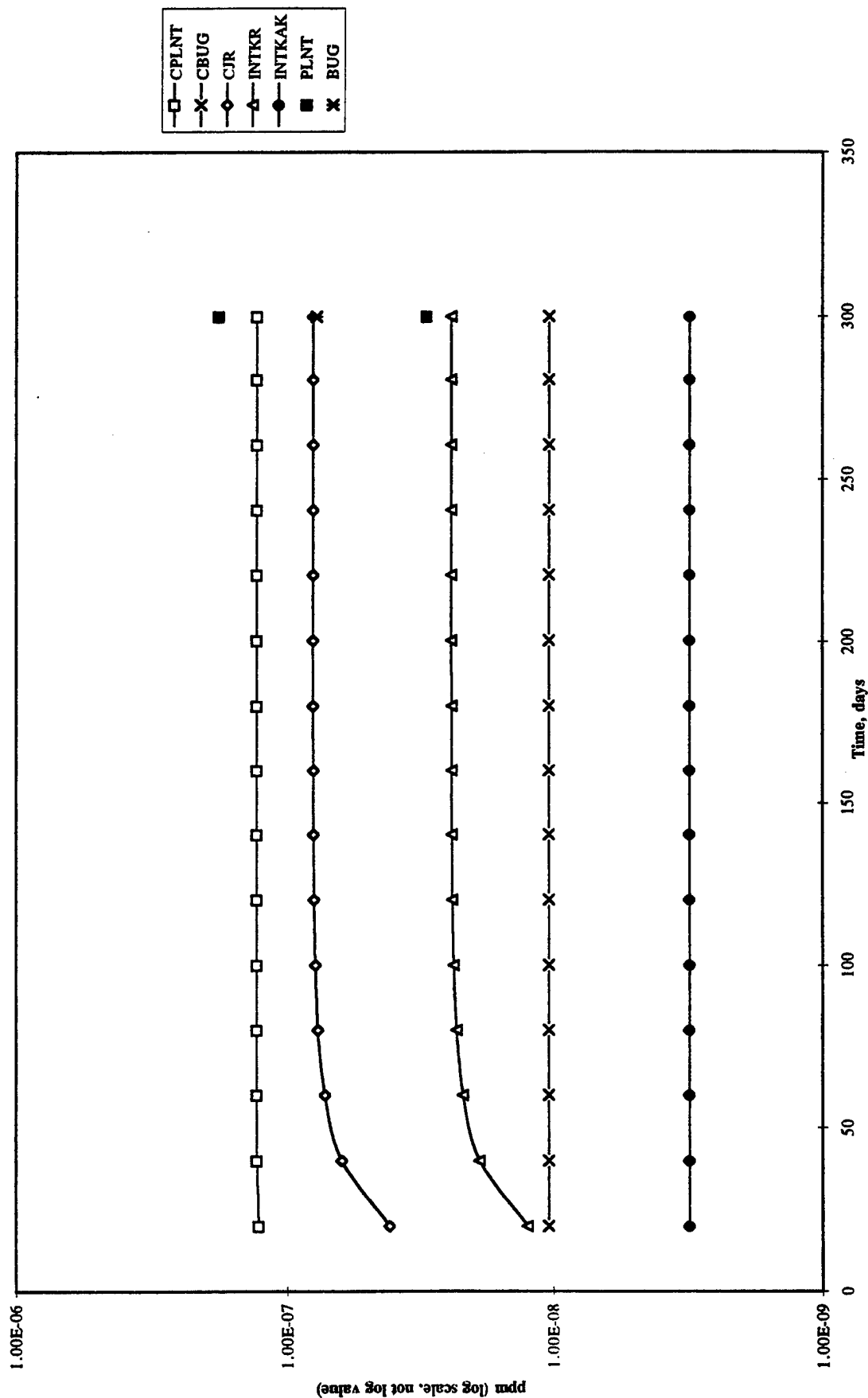
Bioaccumulation Model Results for TCDD at SWMU 45



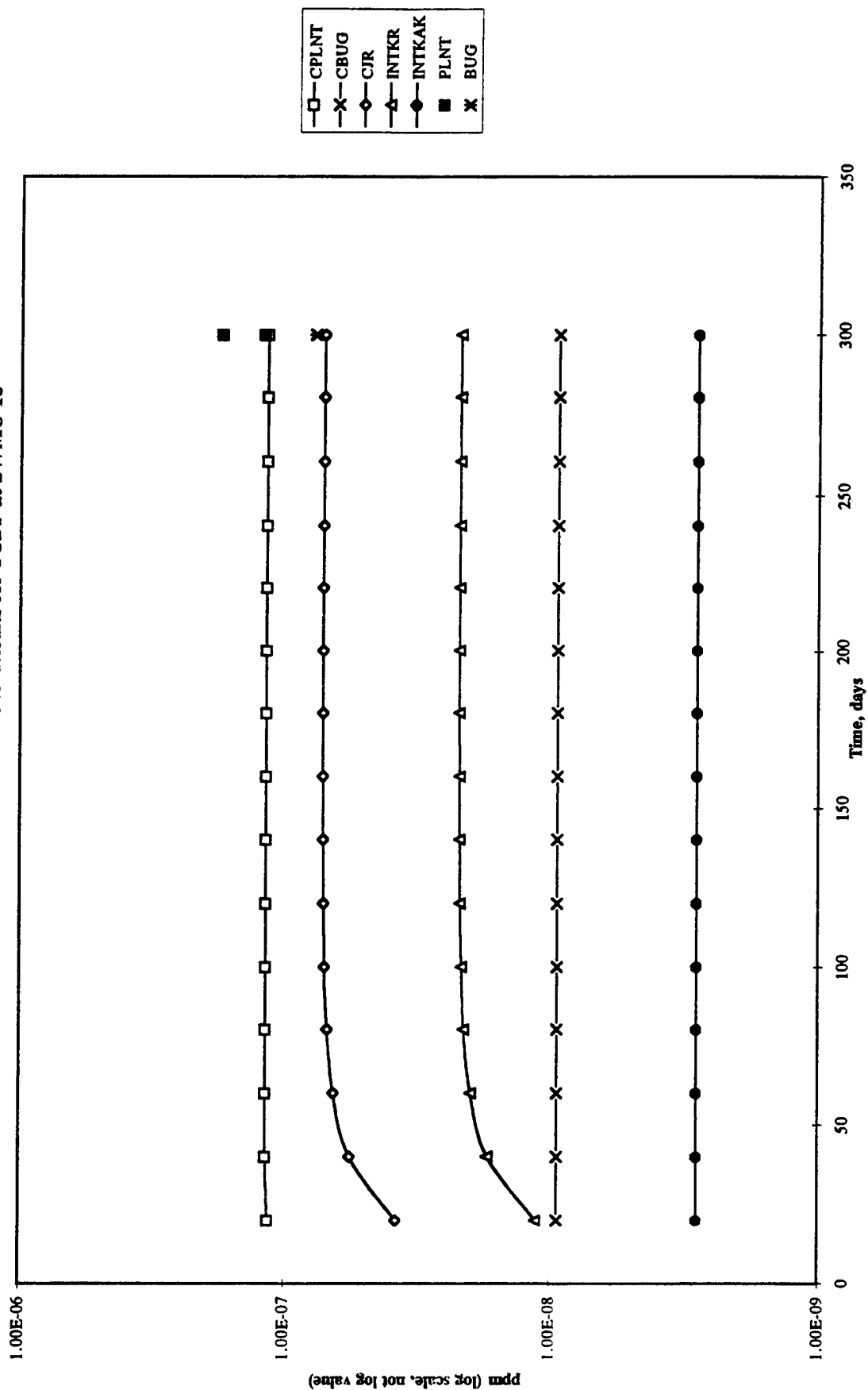
Bioaccumulation Model Results for TCDD at the RSA



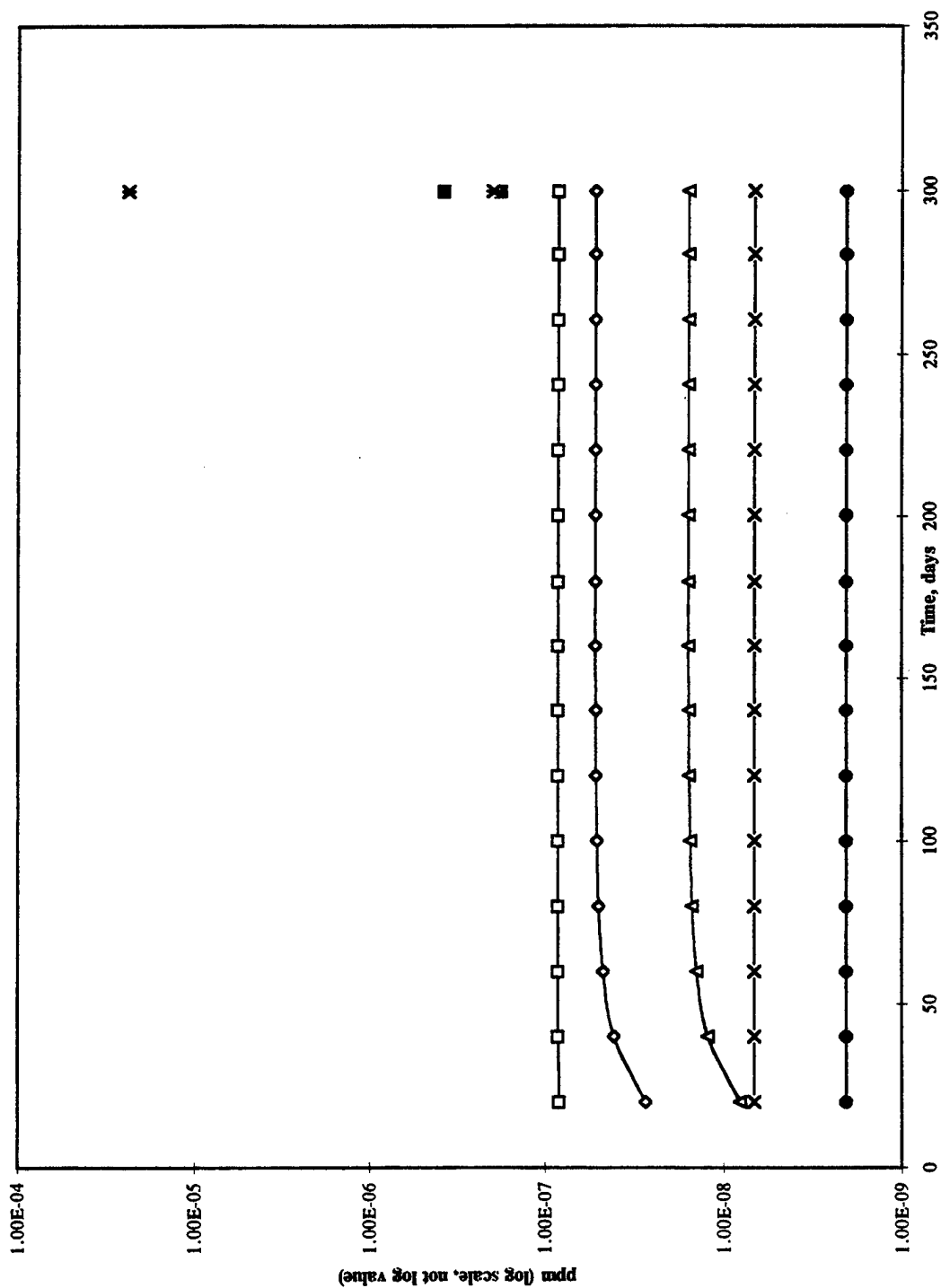
Bioaccumulation Model Results for TCDF at SWMU 1b



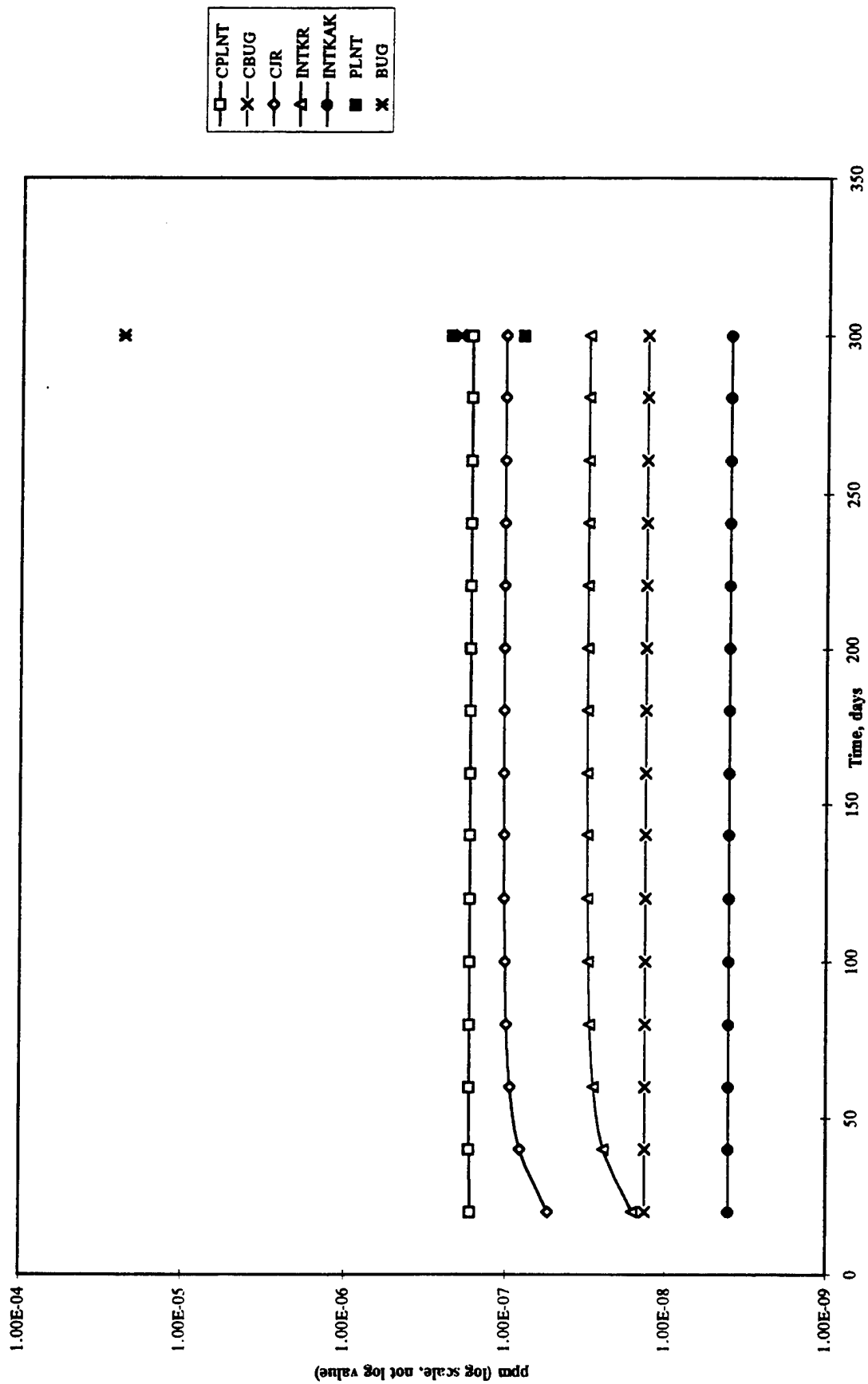
Bioaccumulation Model Results for TCDF at SWMU 1c



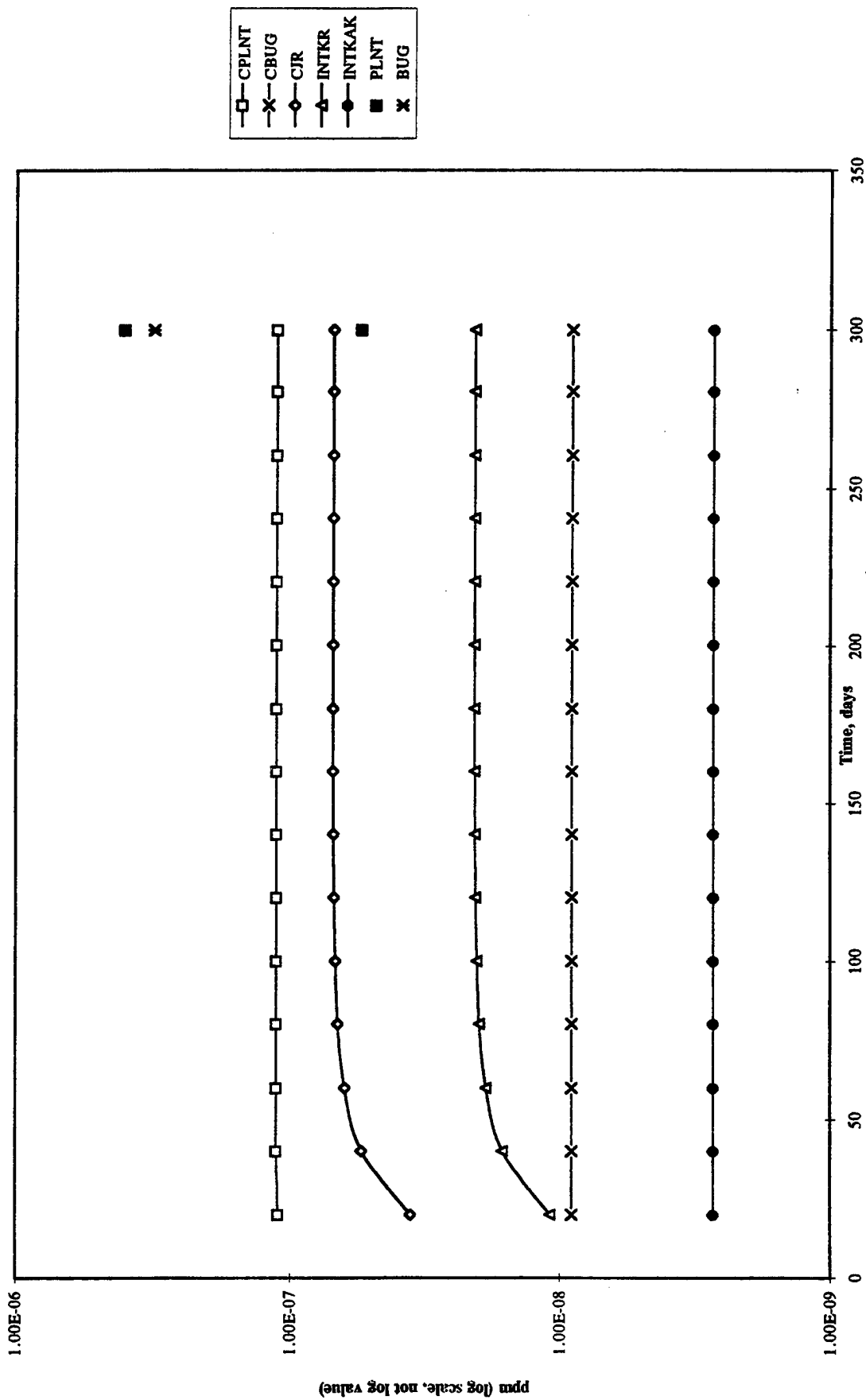
Bioaccumulation Model Results for TCDF at SWMU 10



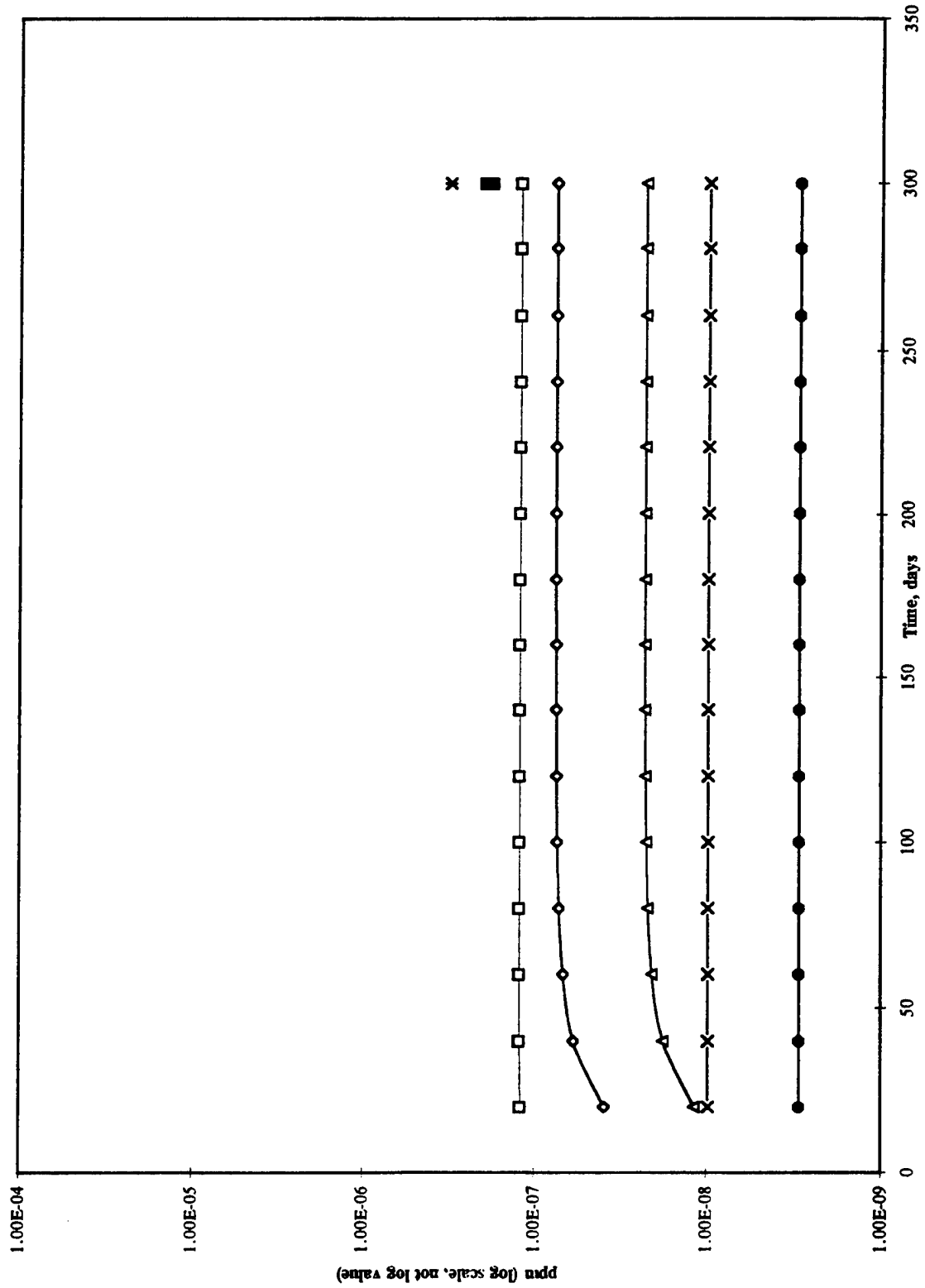
Bioaccumulation Model Results for TCDF at SWMU 11



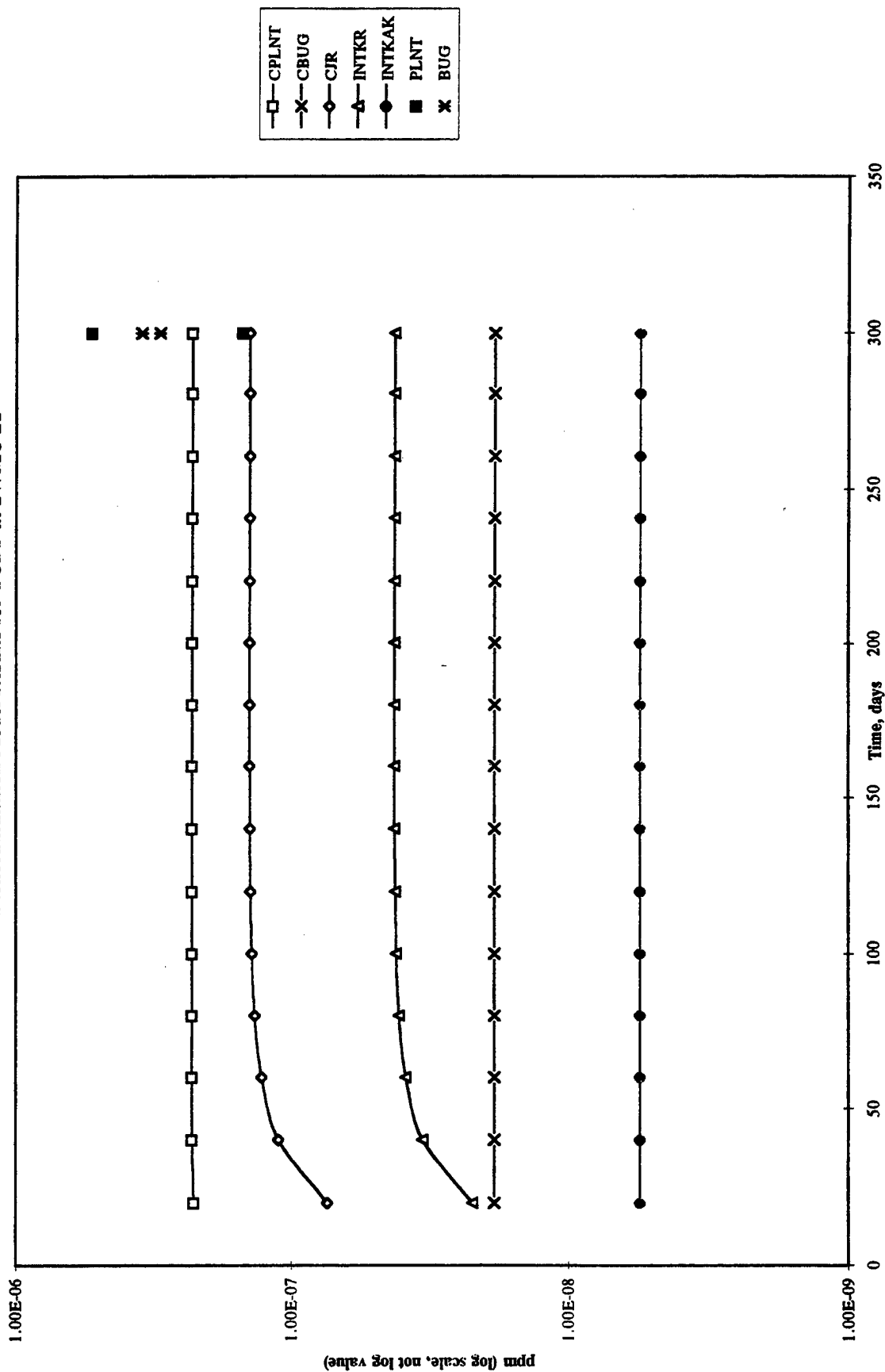
Bioaccumulation Model Results for TCDF at SWMU 12



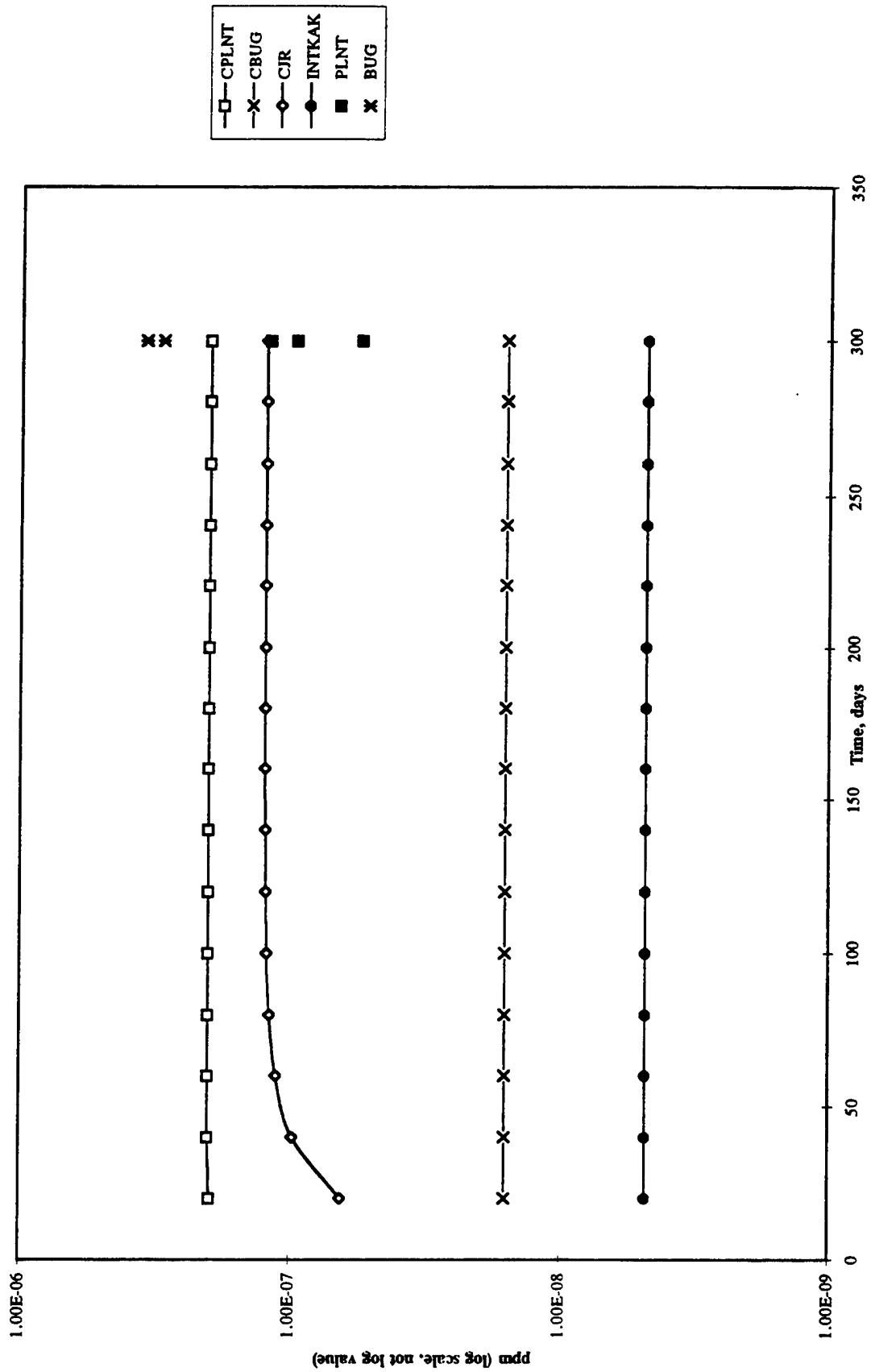
Bioaccumulation Model Results for TCDF at SWMU 15



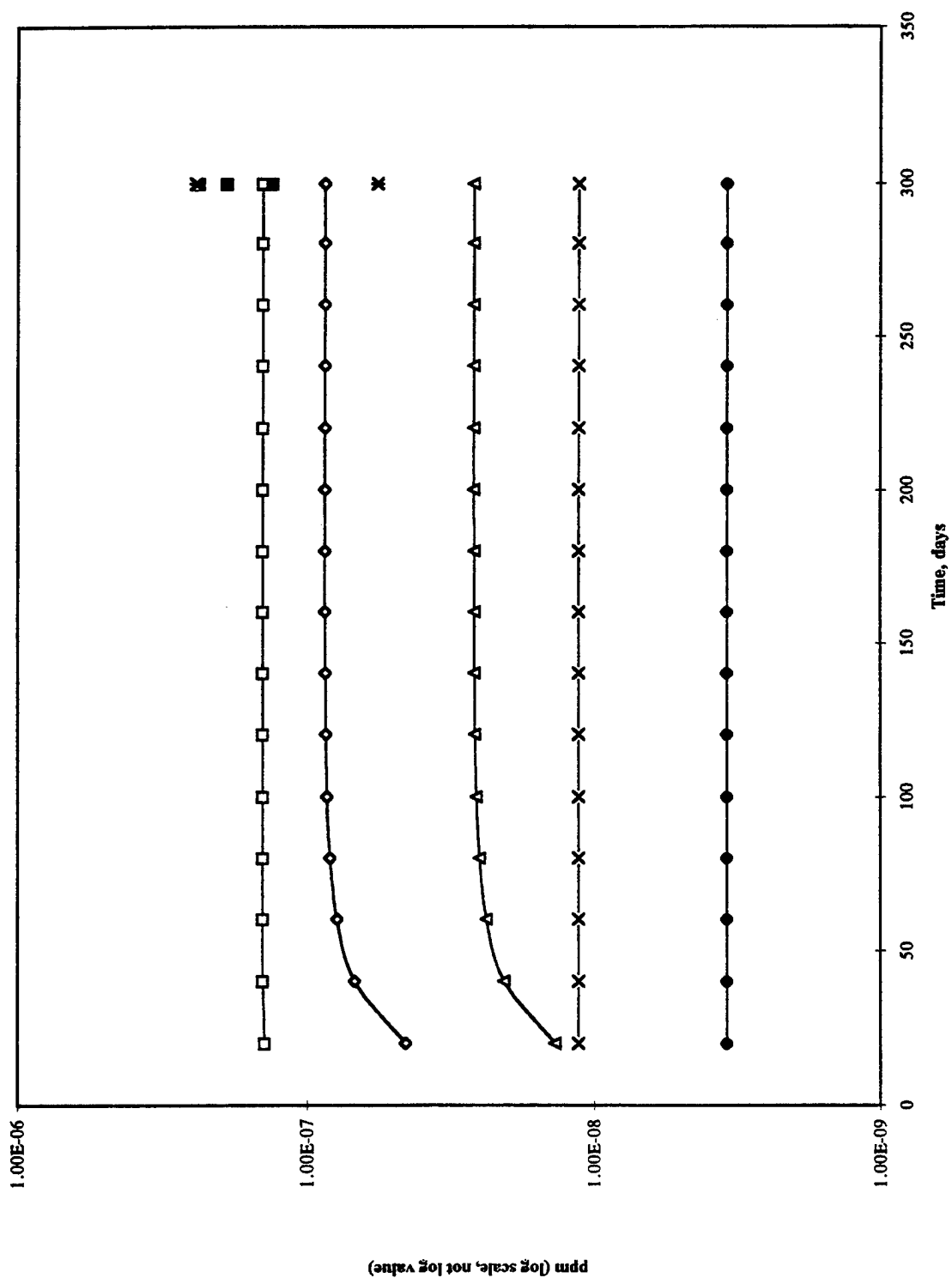
Bioaccumulation Model Results for TCDF at SWMU 21



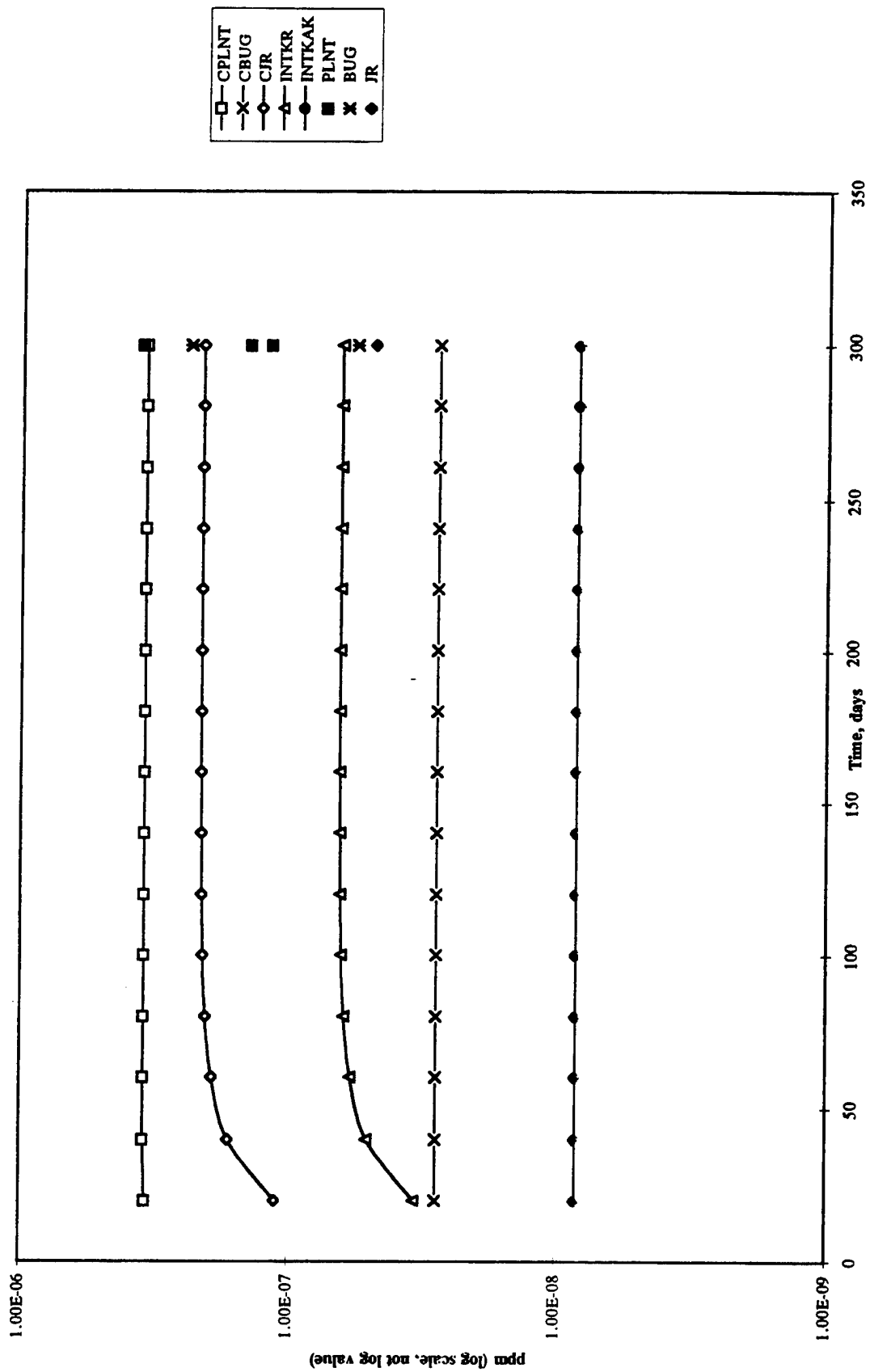
Bioaccumulation Model Results for TCDF at SWMU 37



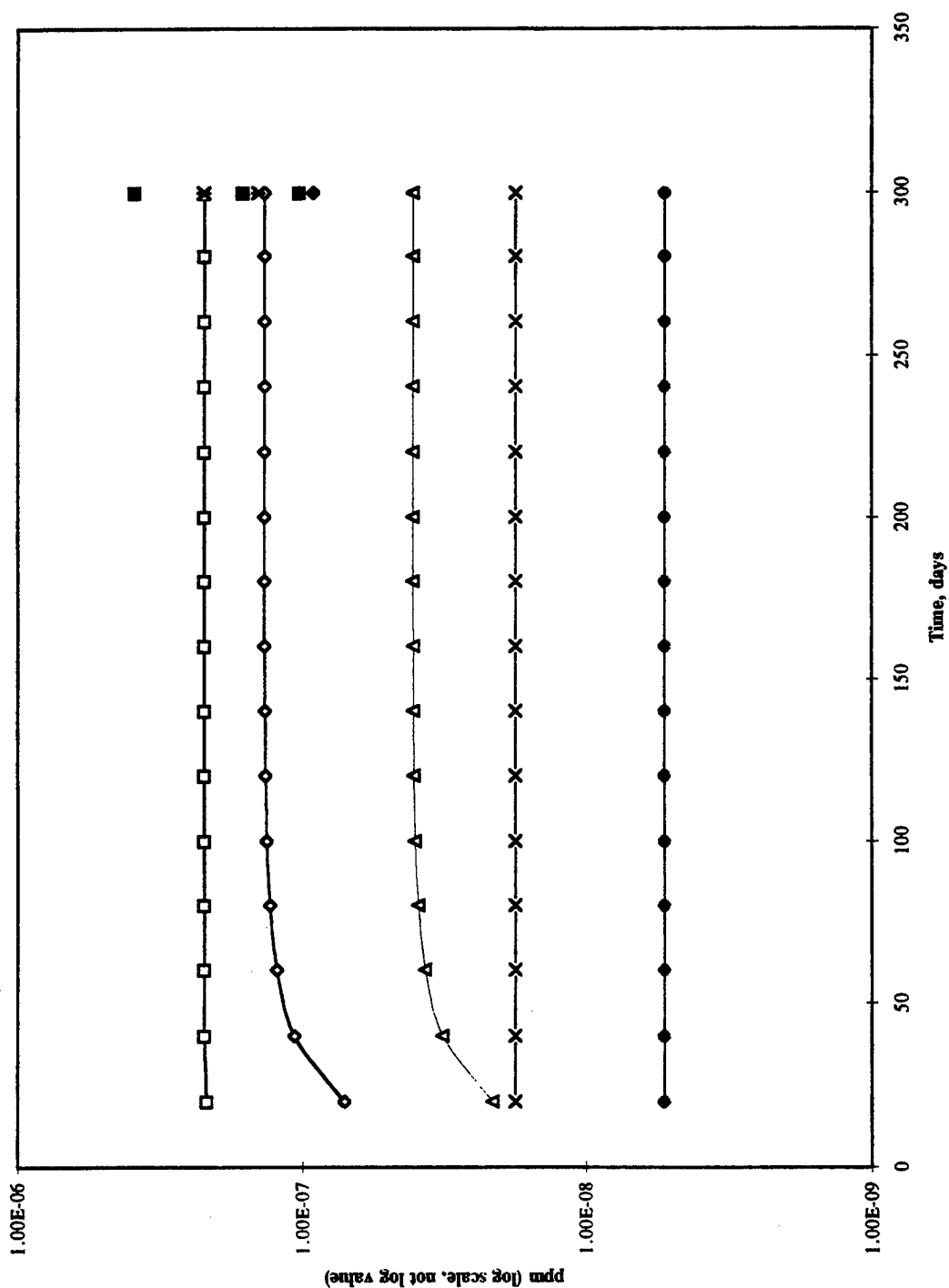
Bioaccumulation Model Results for TCDF at SWMU 42

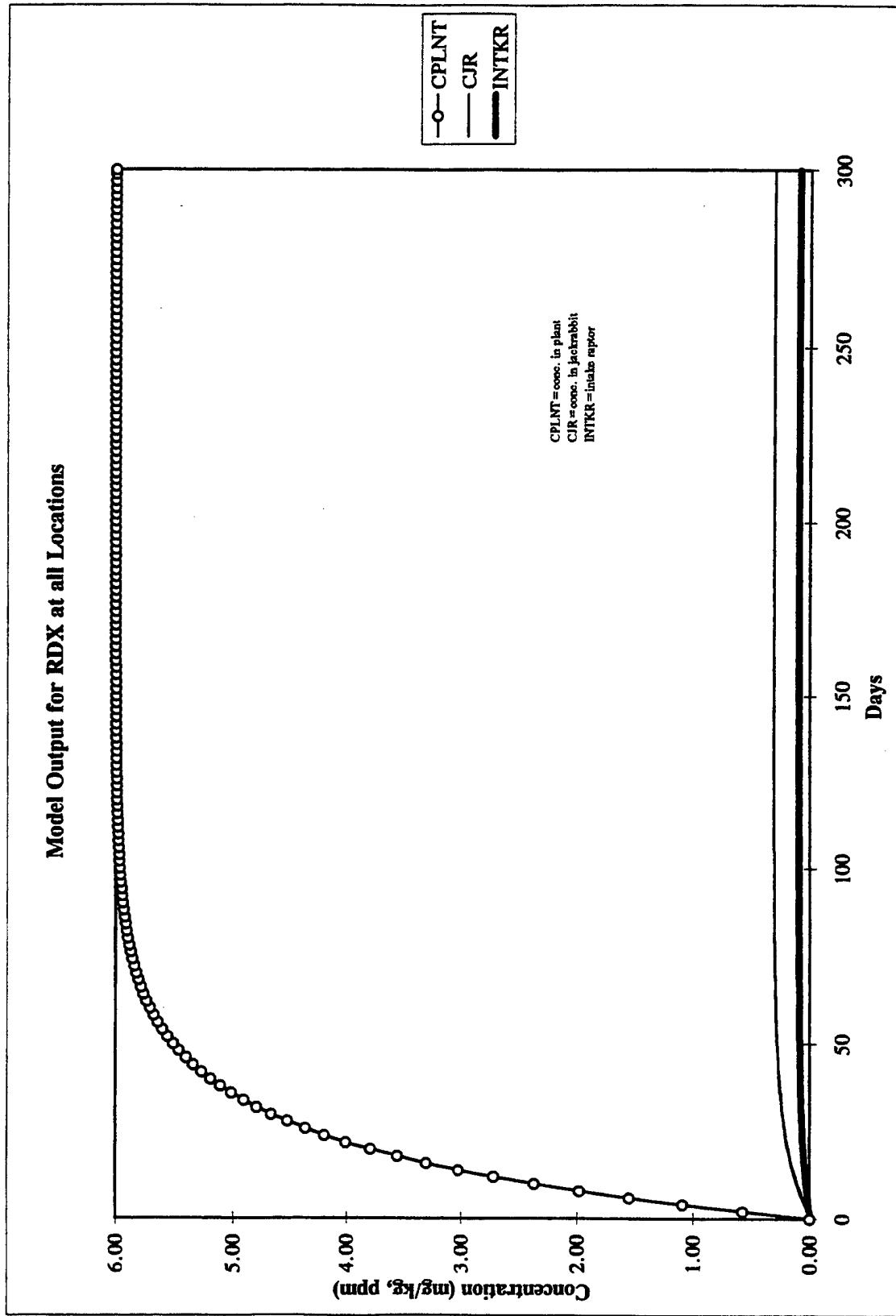


Bioaccumulation Model Results for TCDF at SWMU 45

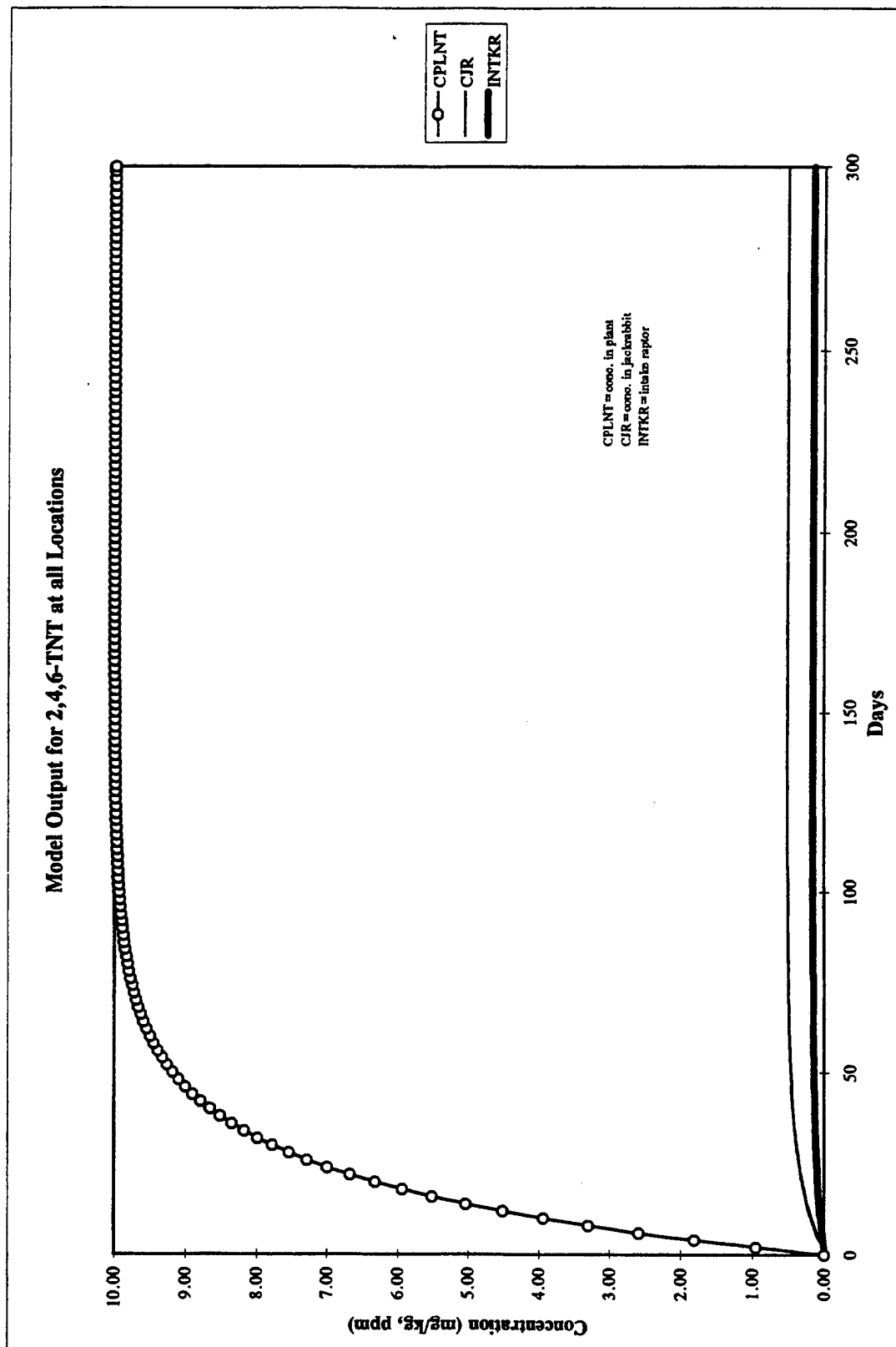


Bioaccumulation Model Results for TCDF at the RSA

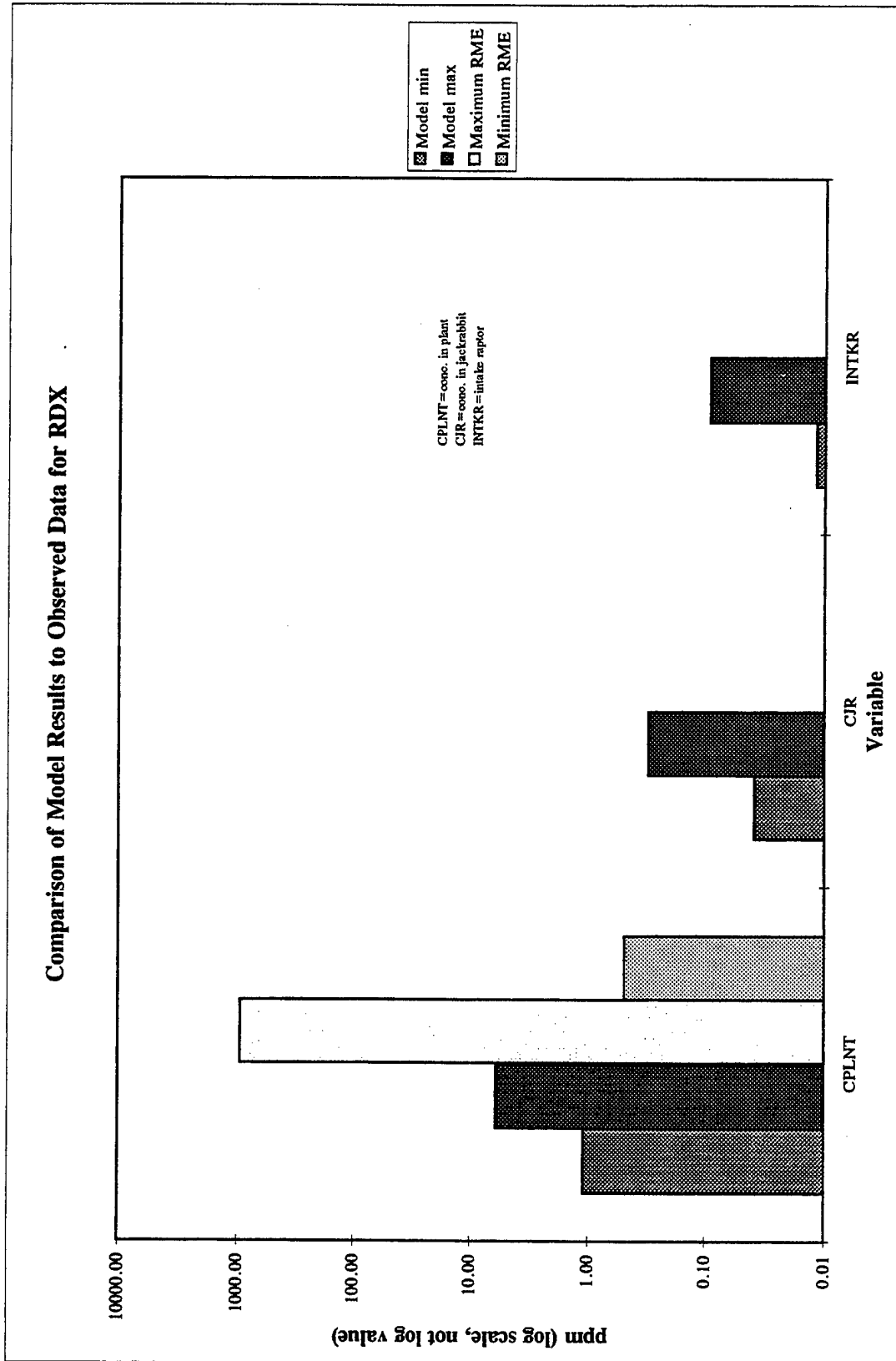




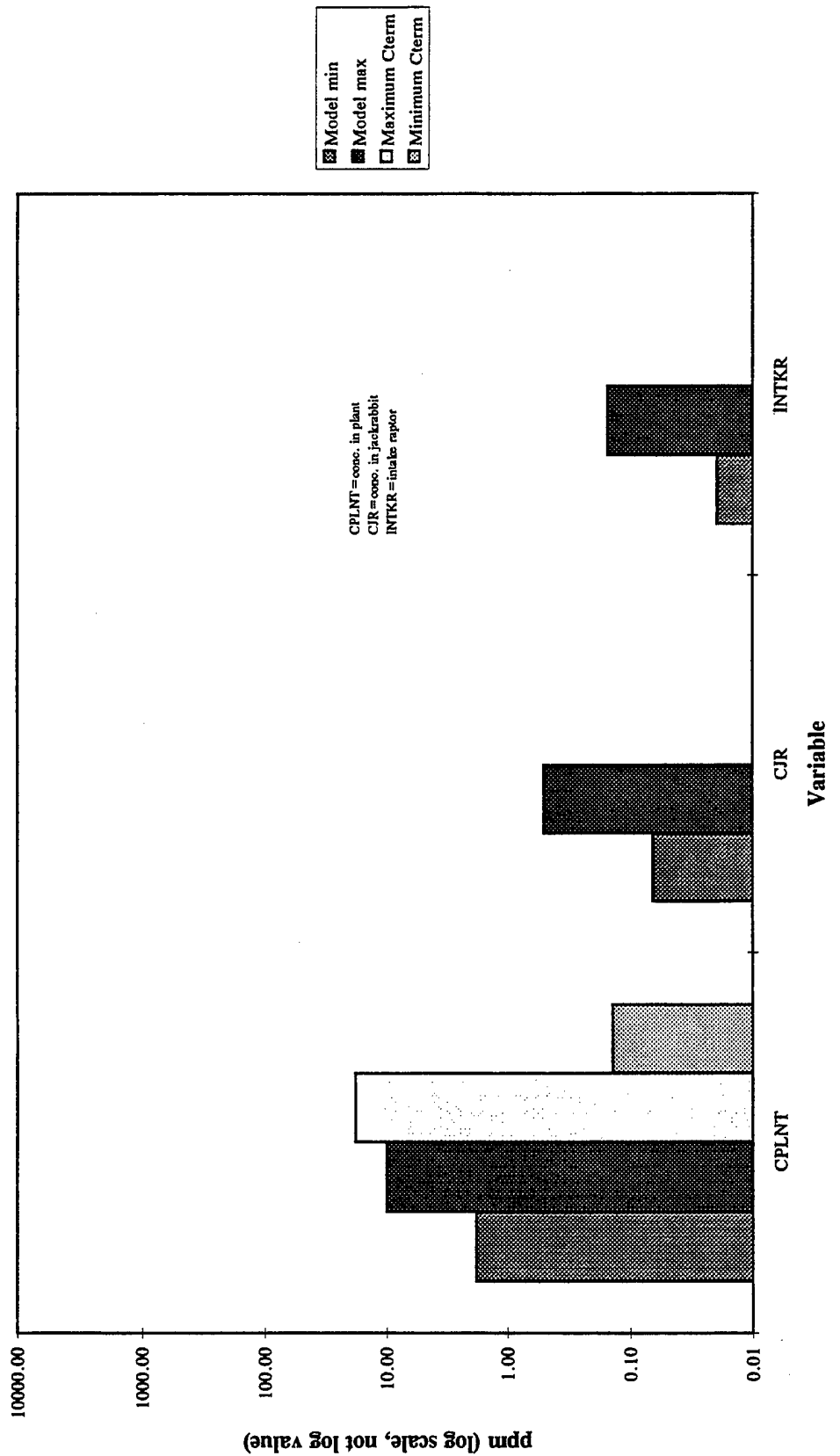
Model Output for 2,4,6-TNT at all Locations



Comparison of Model Results to Observed Data for RDX

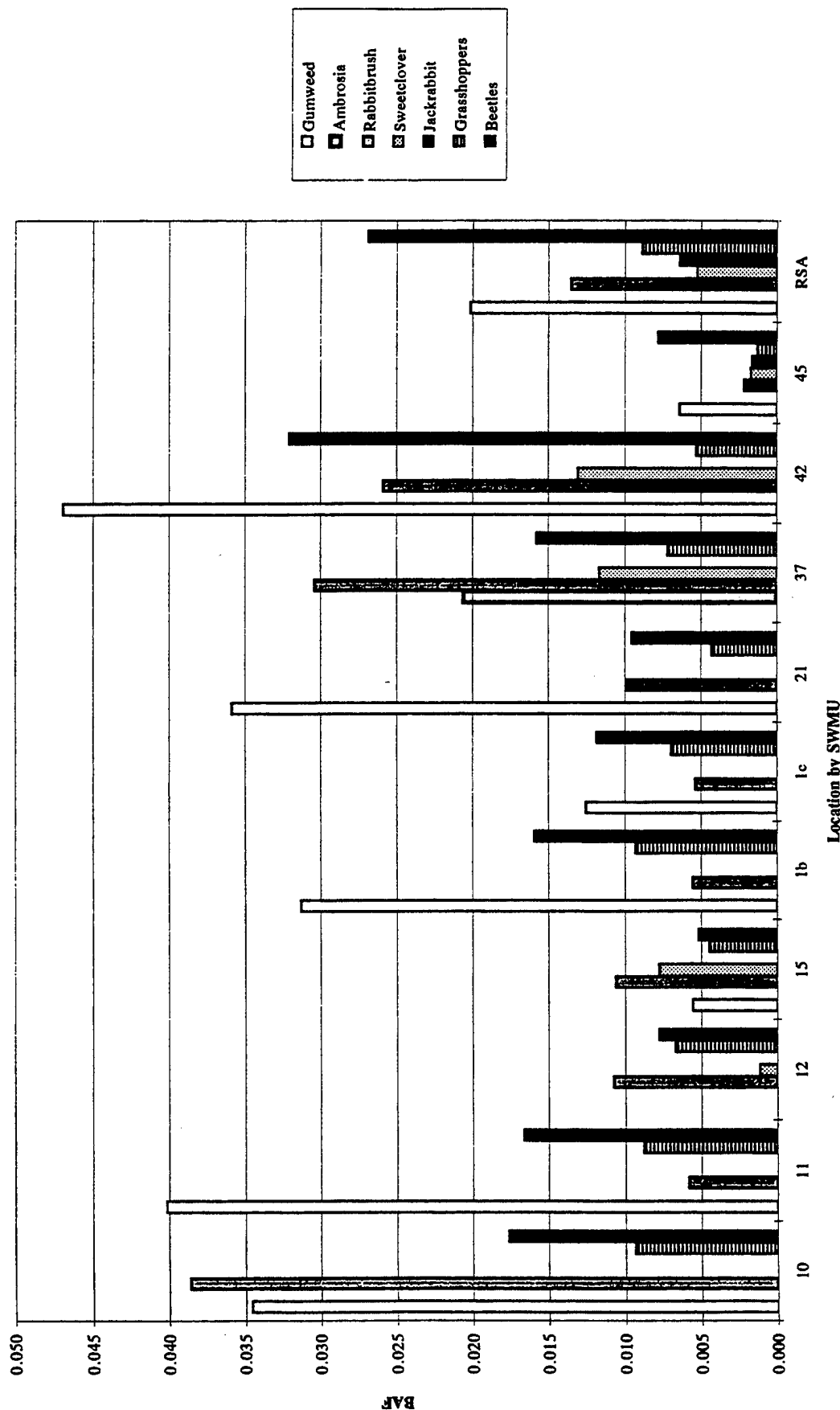


Comparison of Model Results to Observed Data for 2,4,6-TNT

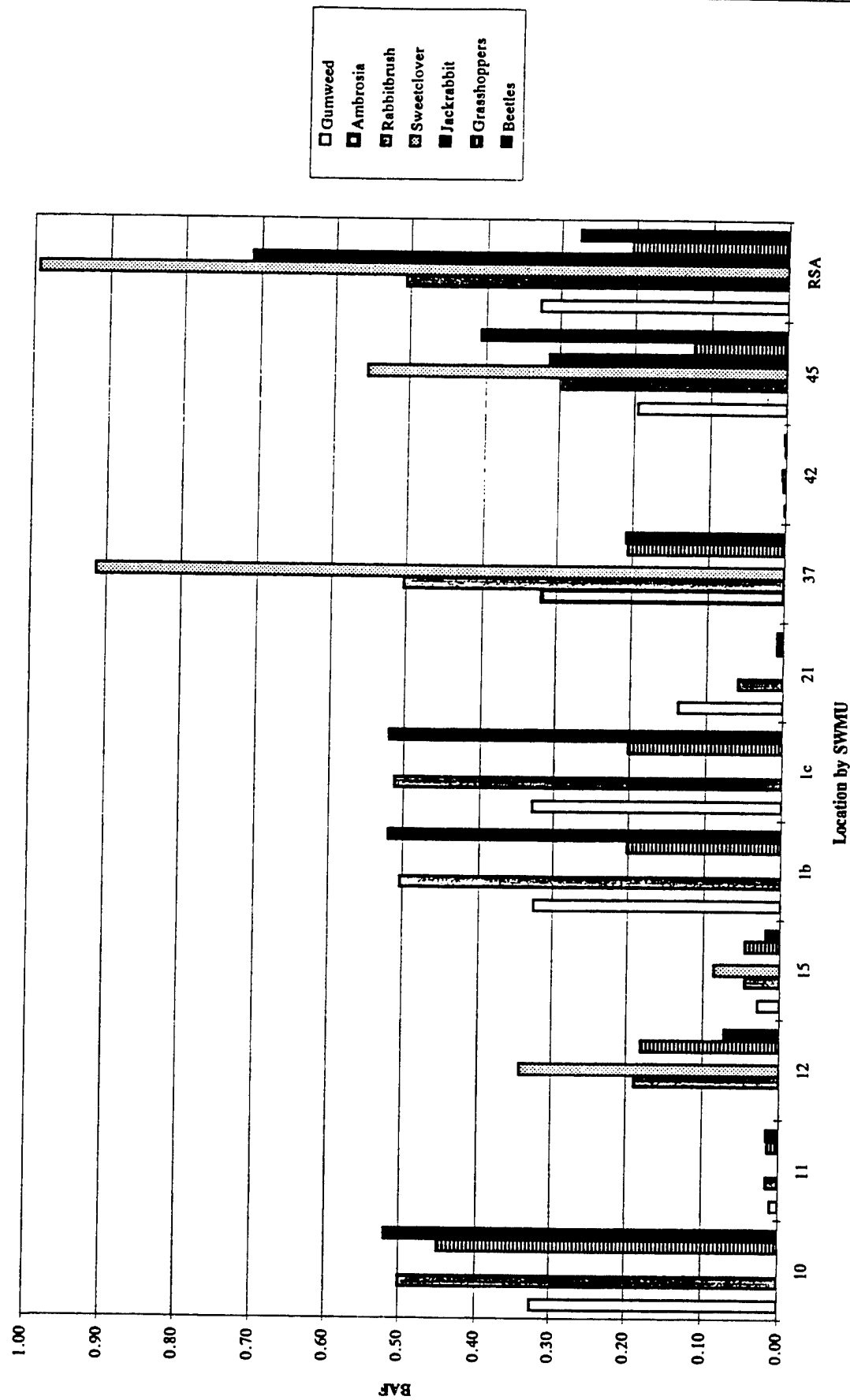


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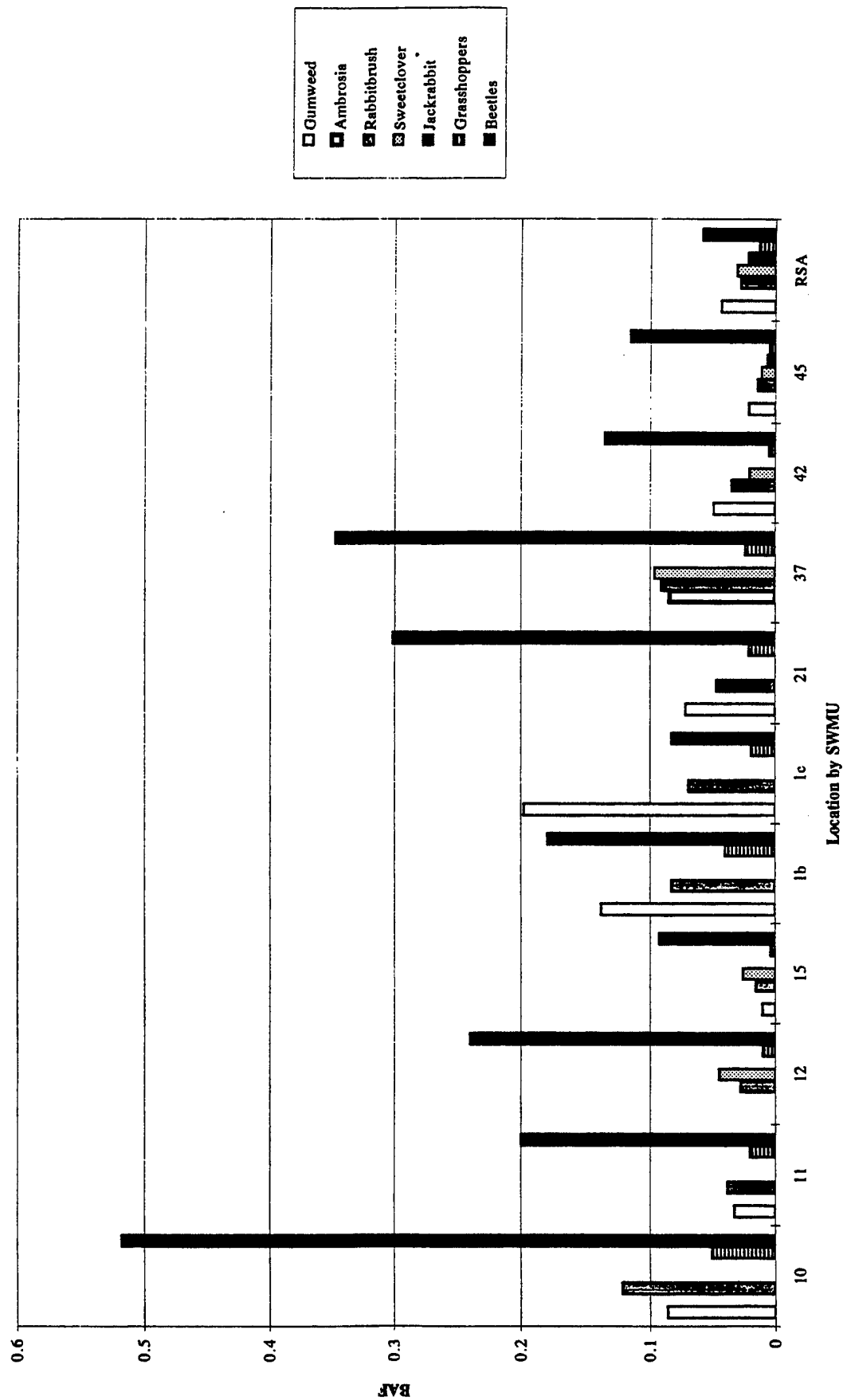
Mean Aluminum Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



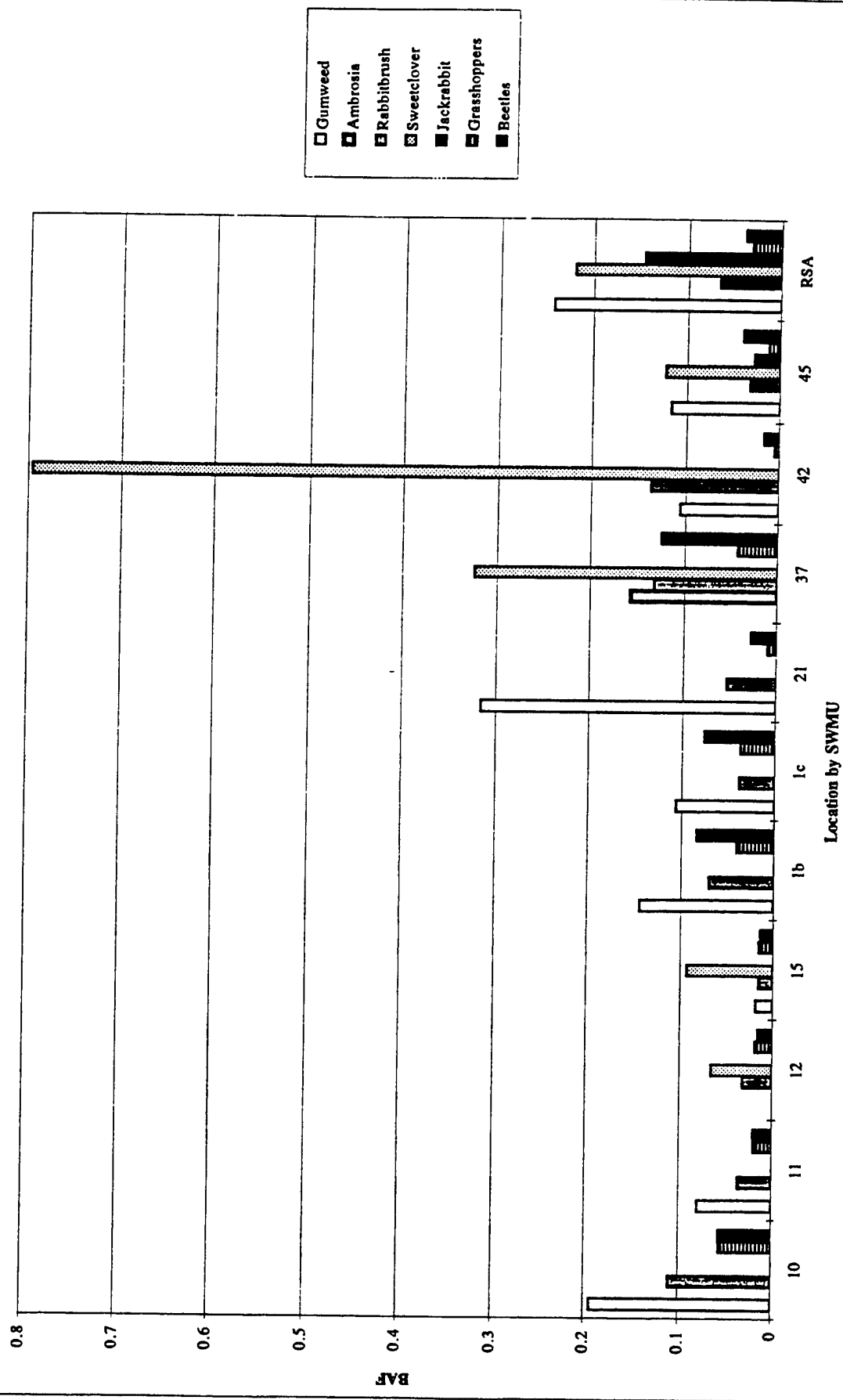
Mean Antimony Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



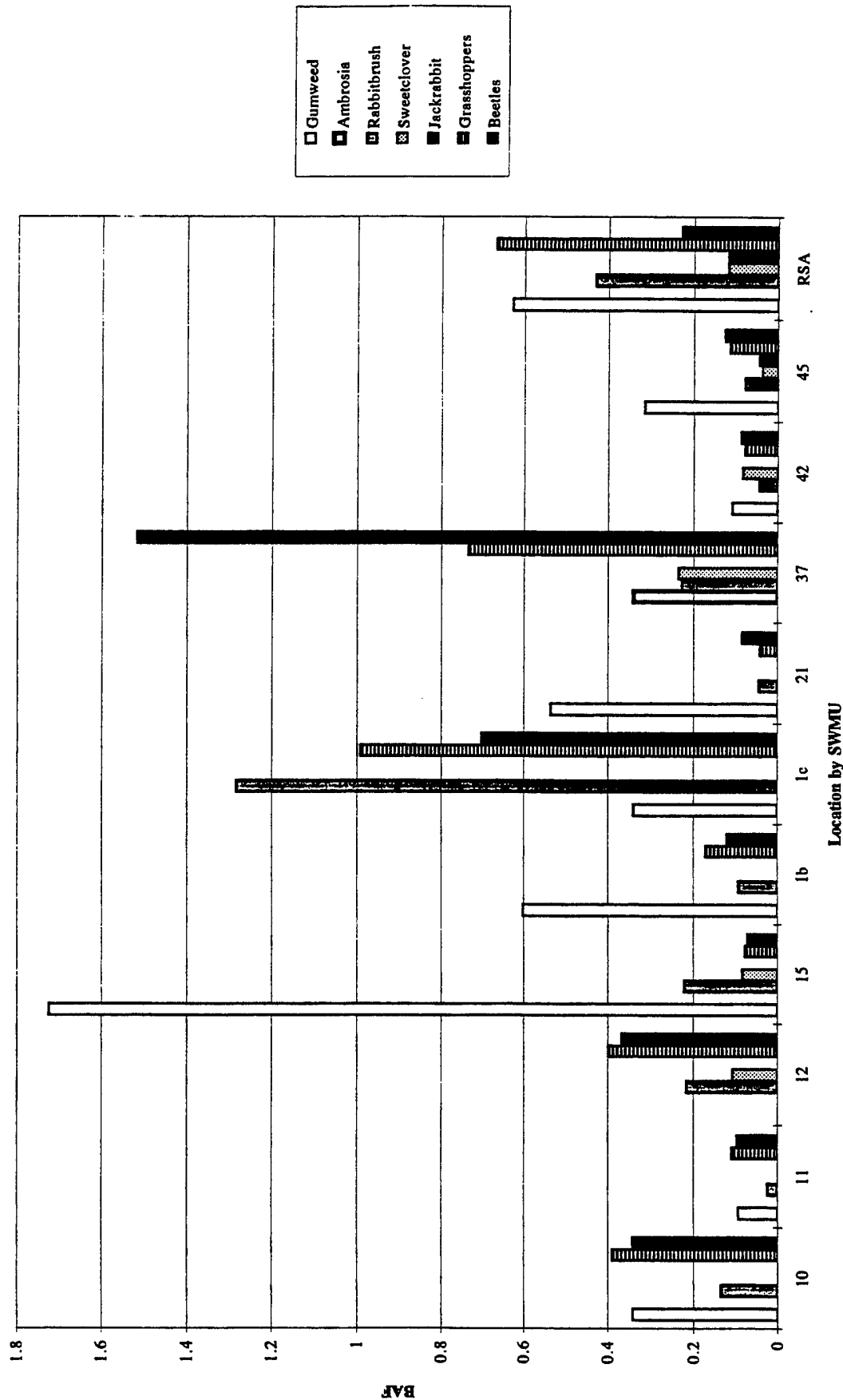
Mean Arsenic Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



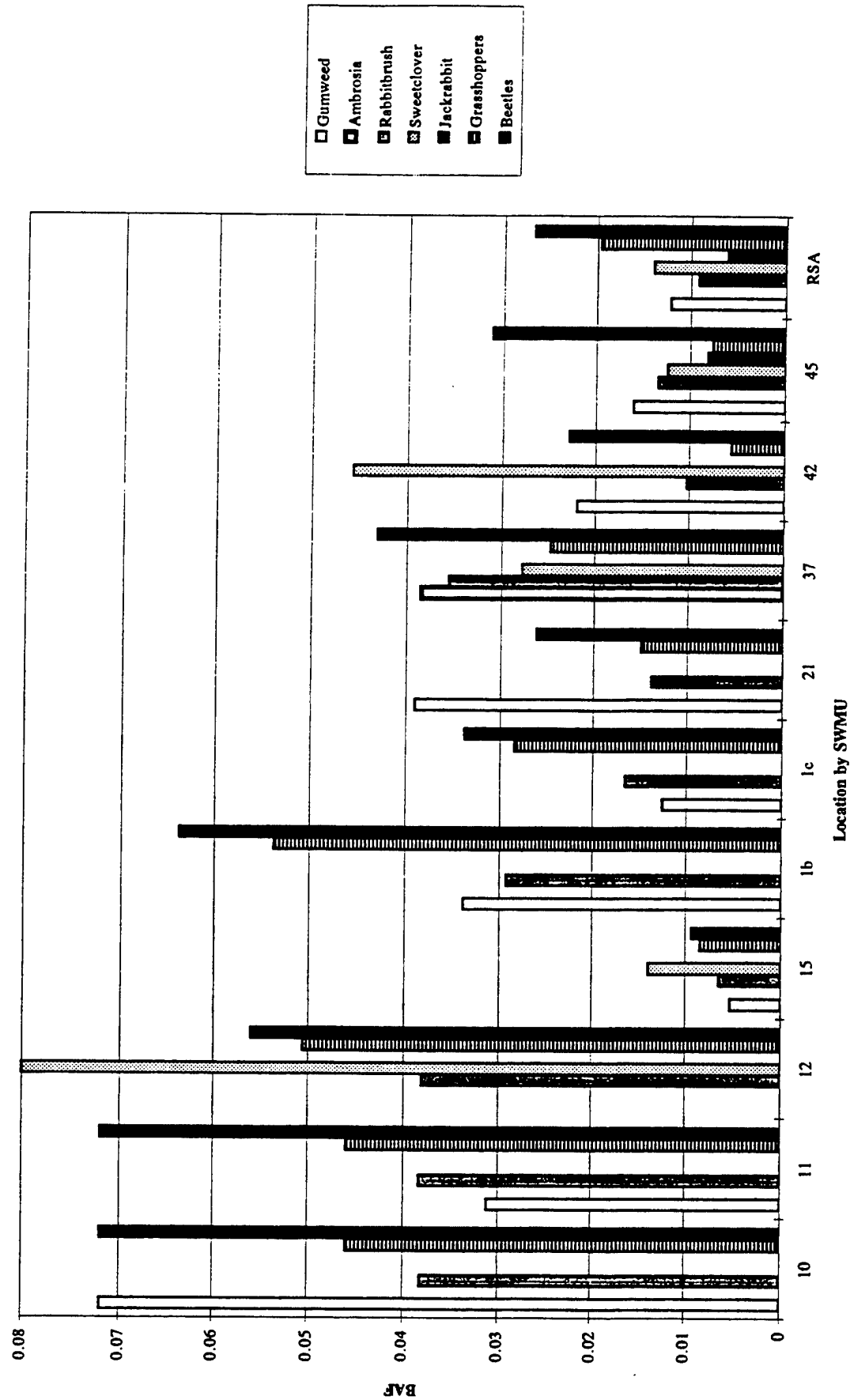
Mean Barium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



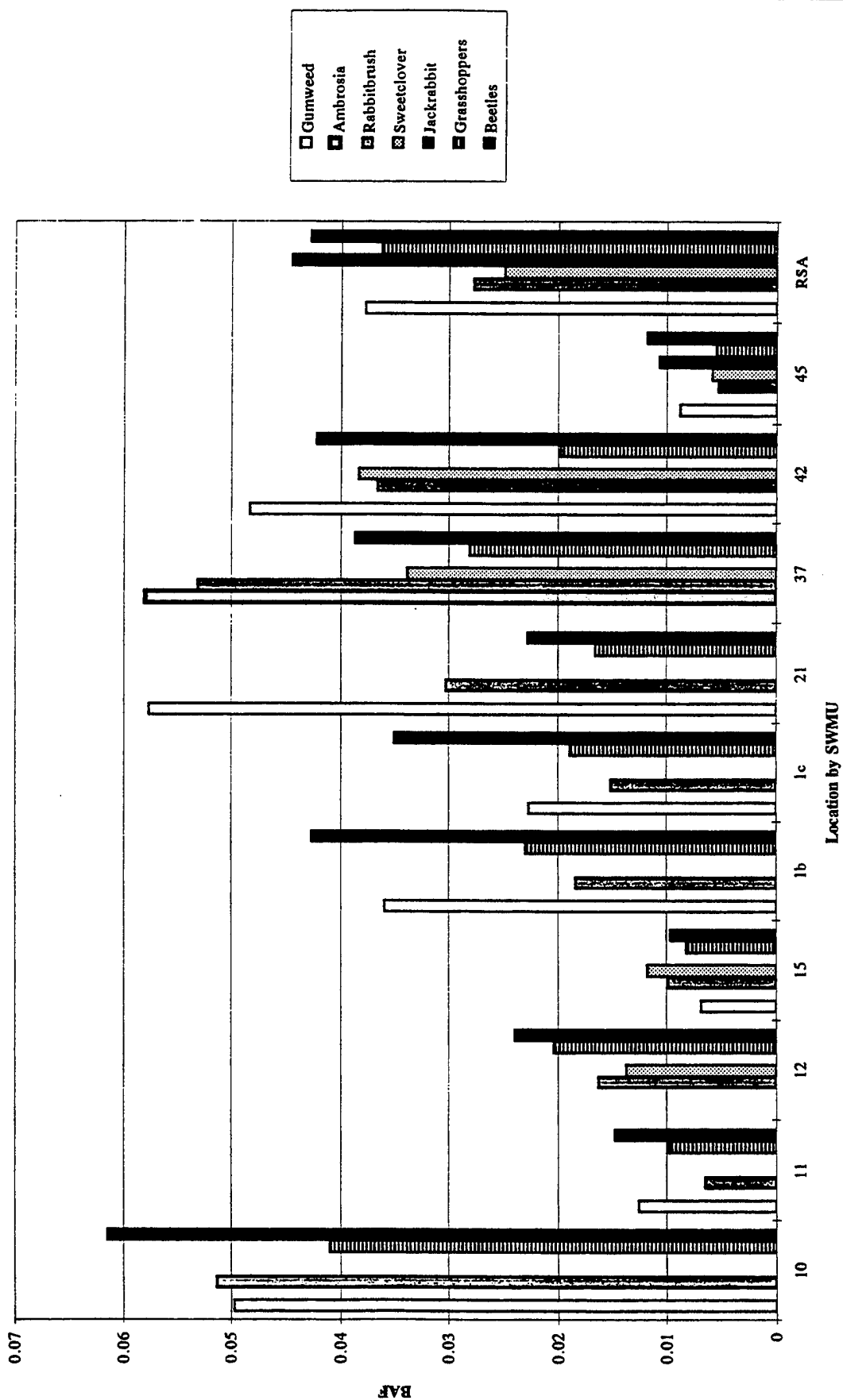
Mean Cadmium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



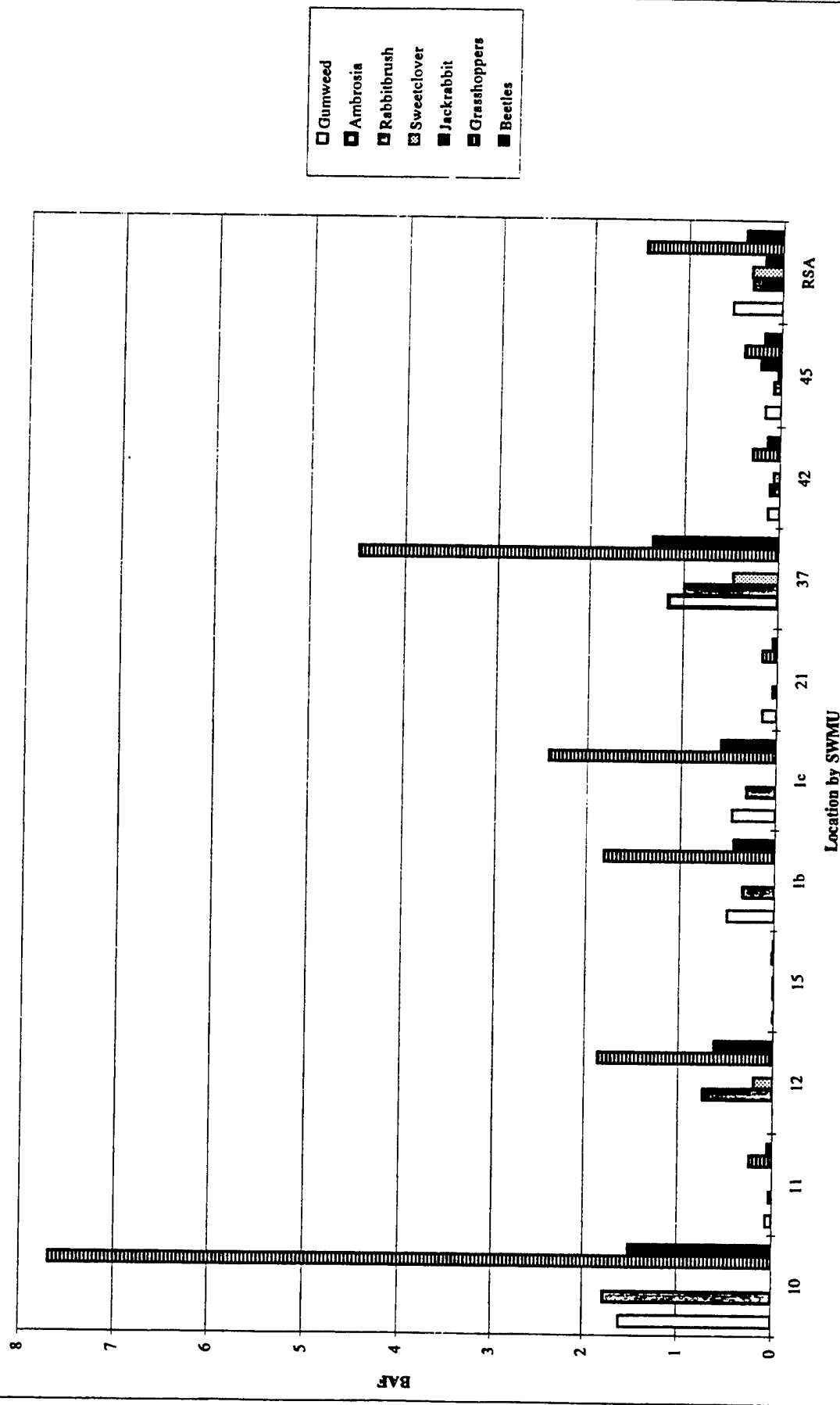
Mean Cobalt Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



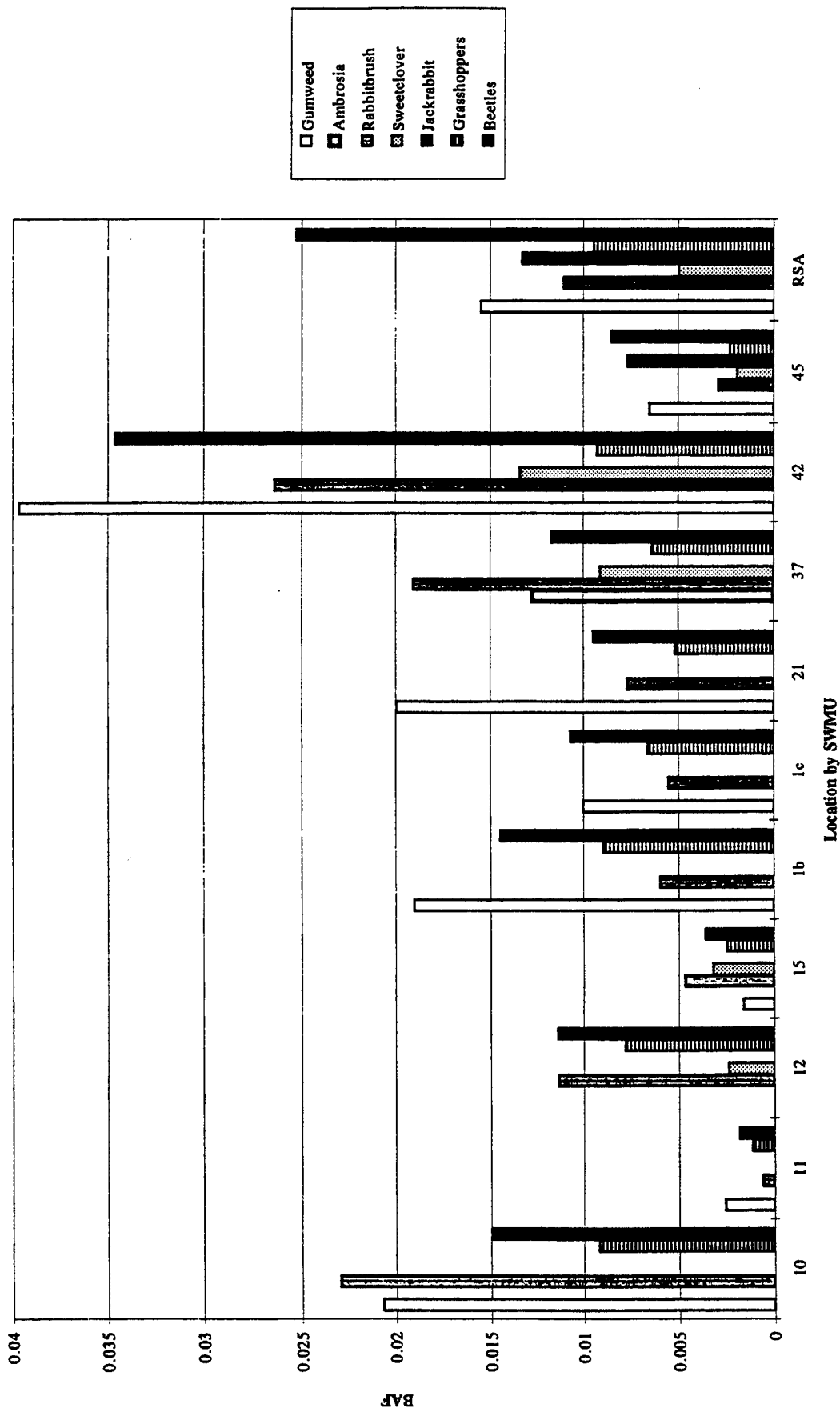
Mean Chromium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



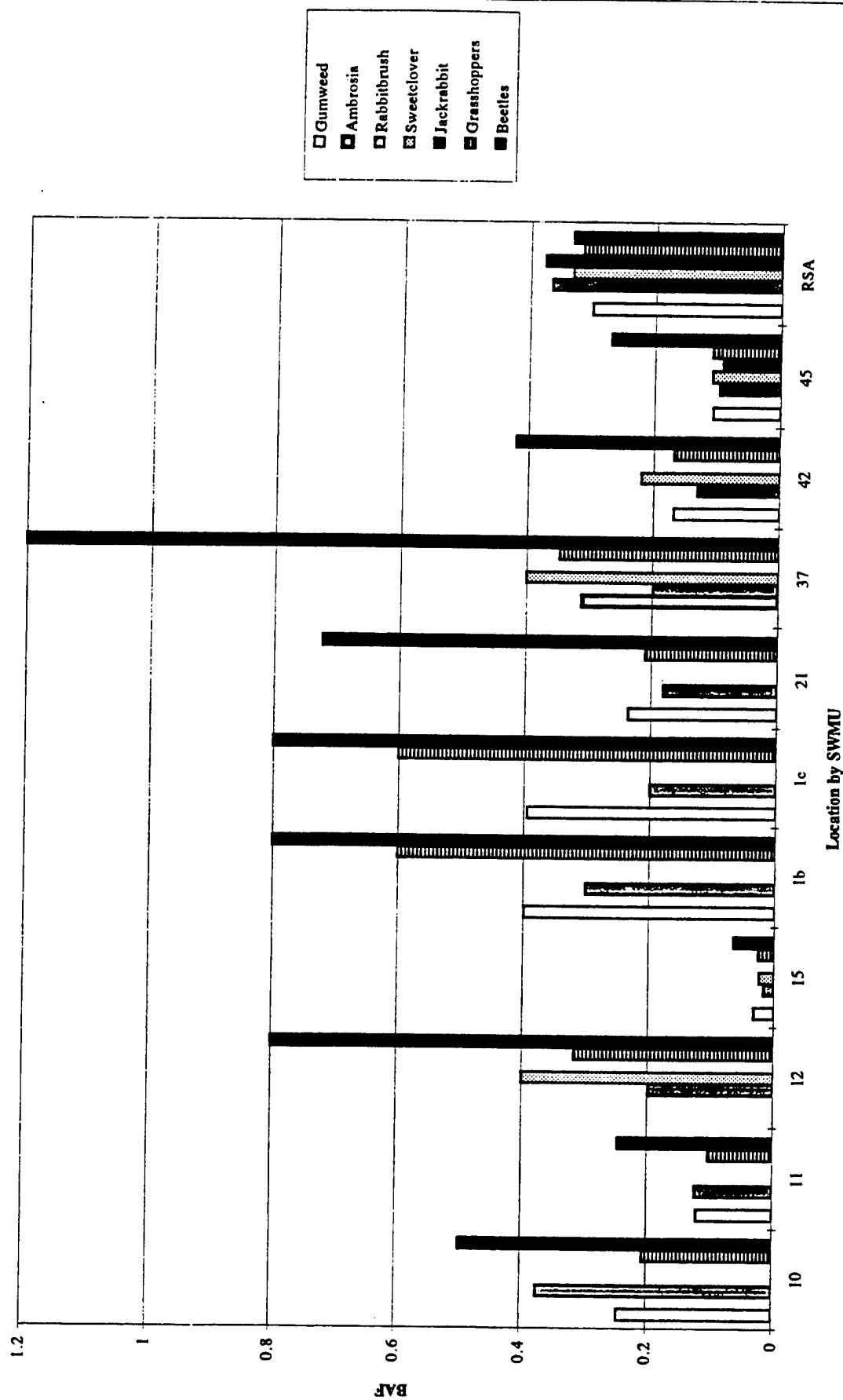
Mean Copper Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



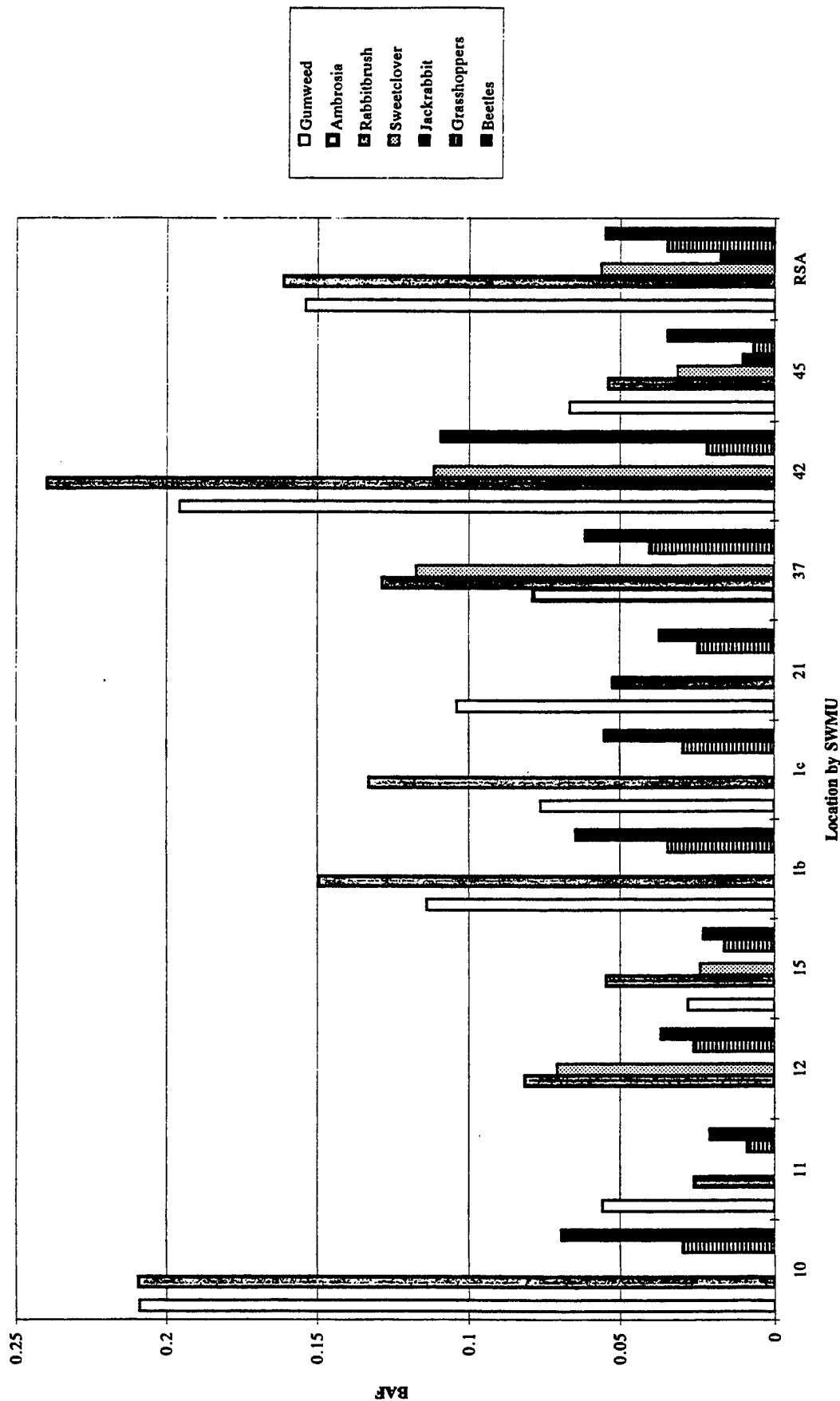
Mean Iron Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



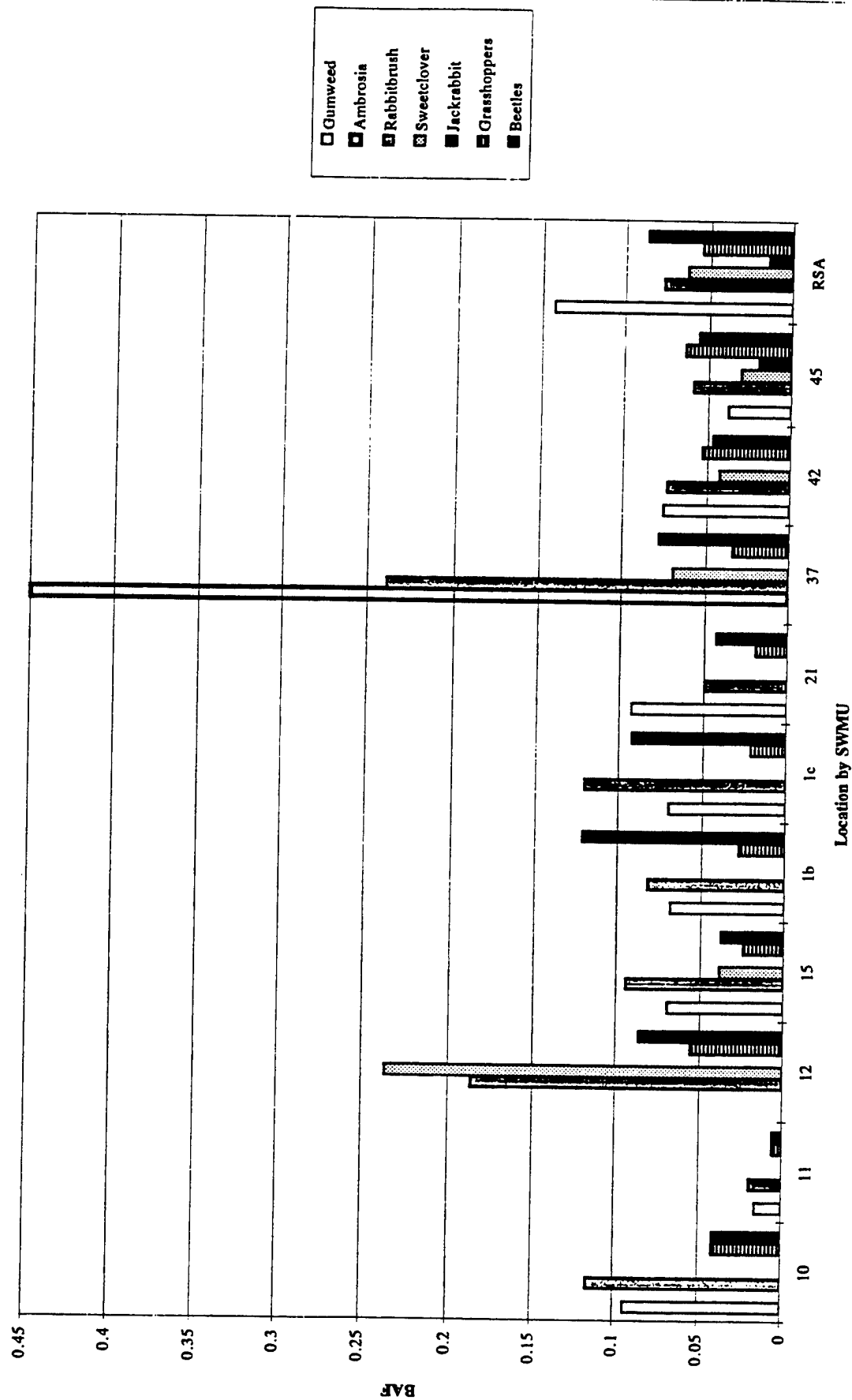
Mean Mercury Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



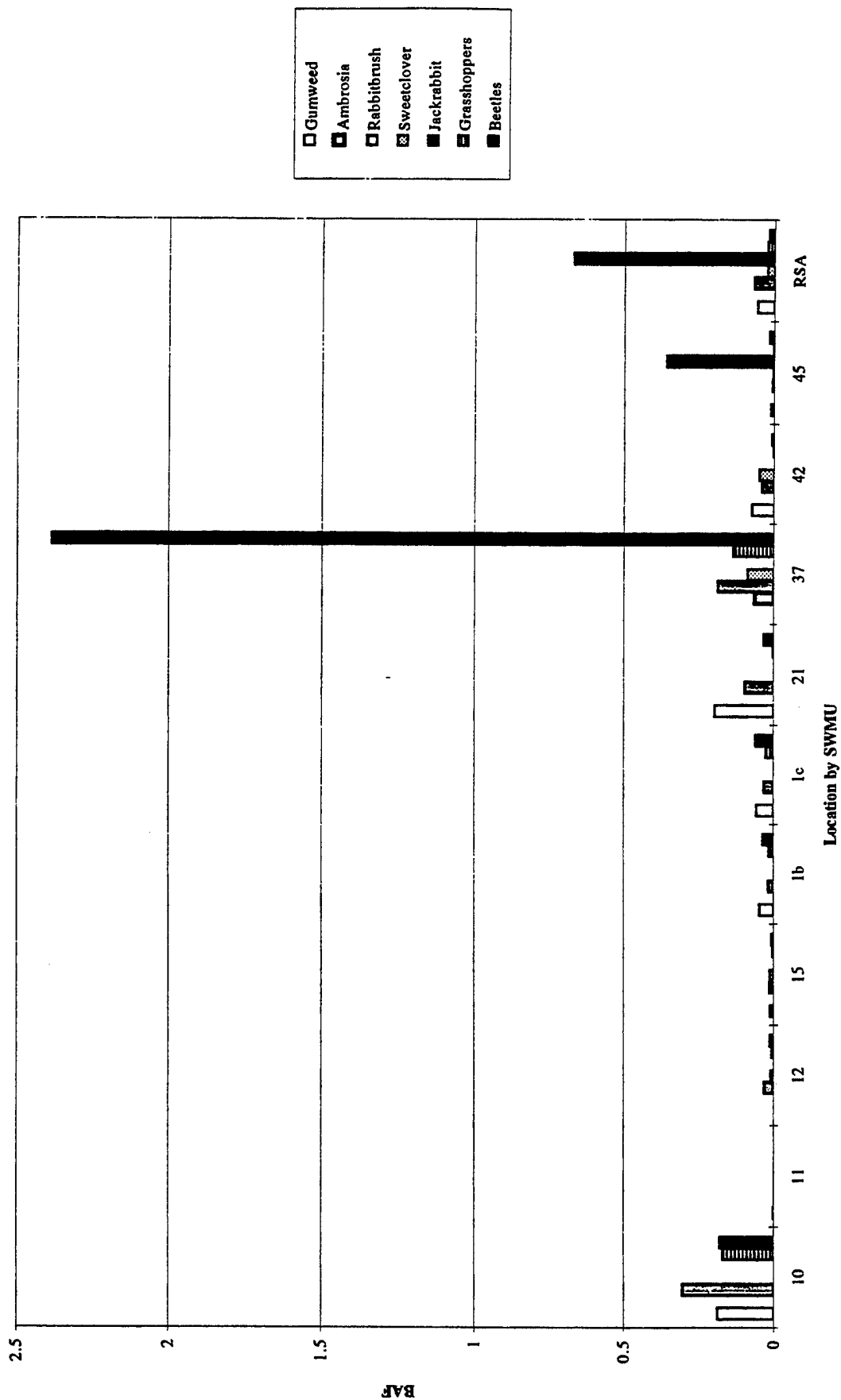
Mean Manganese Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



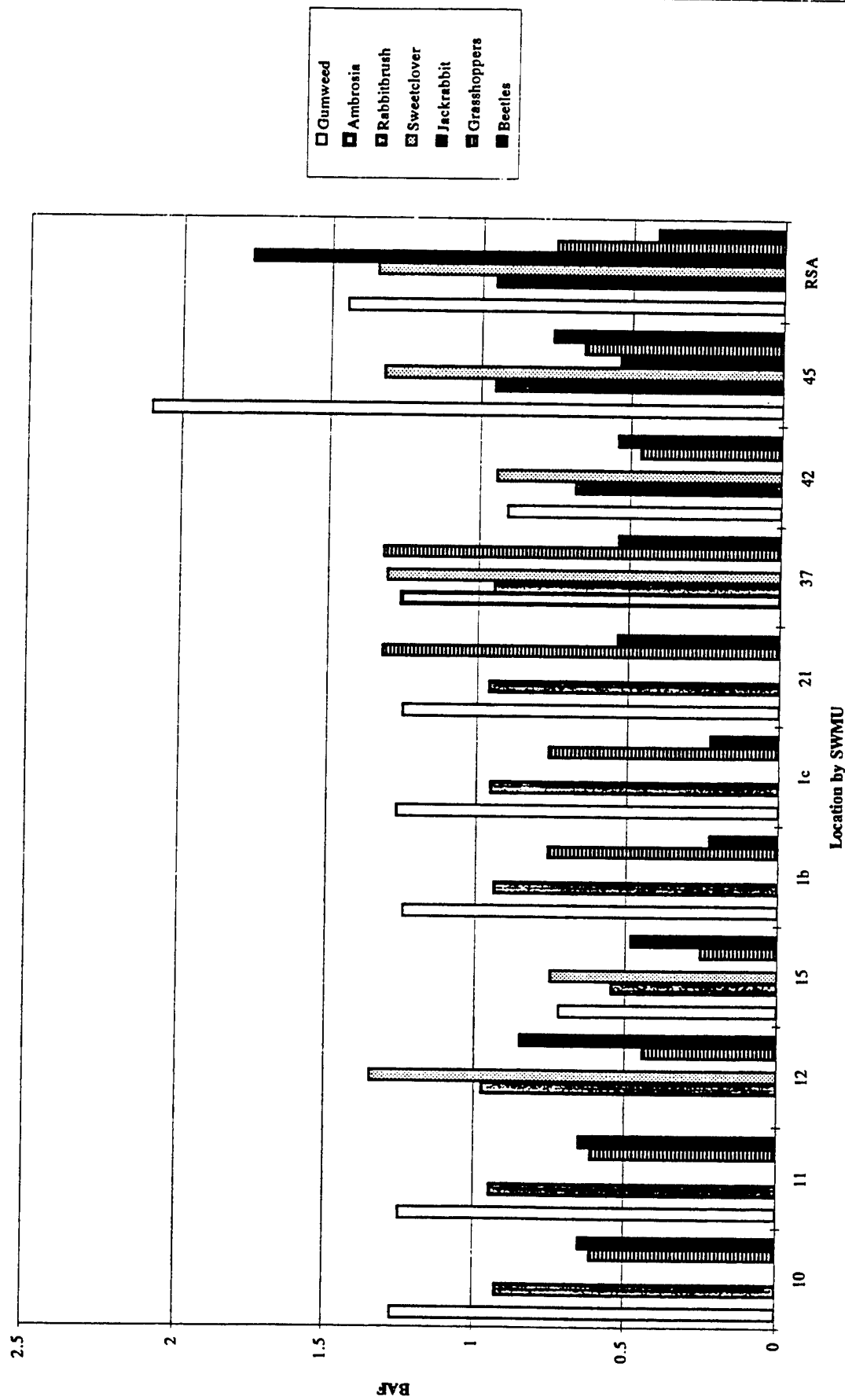
Mean Nickel Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



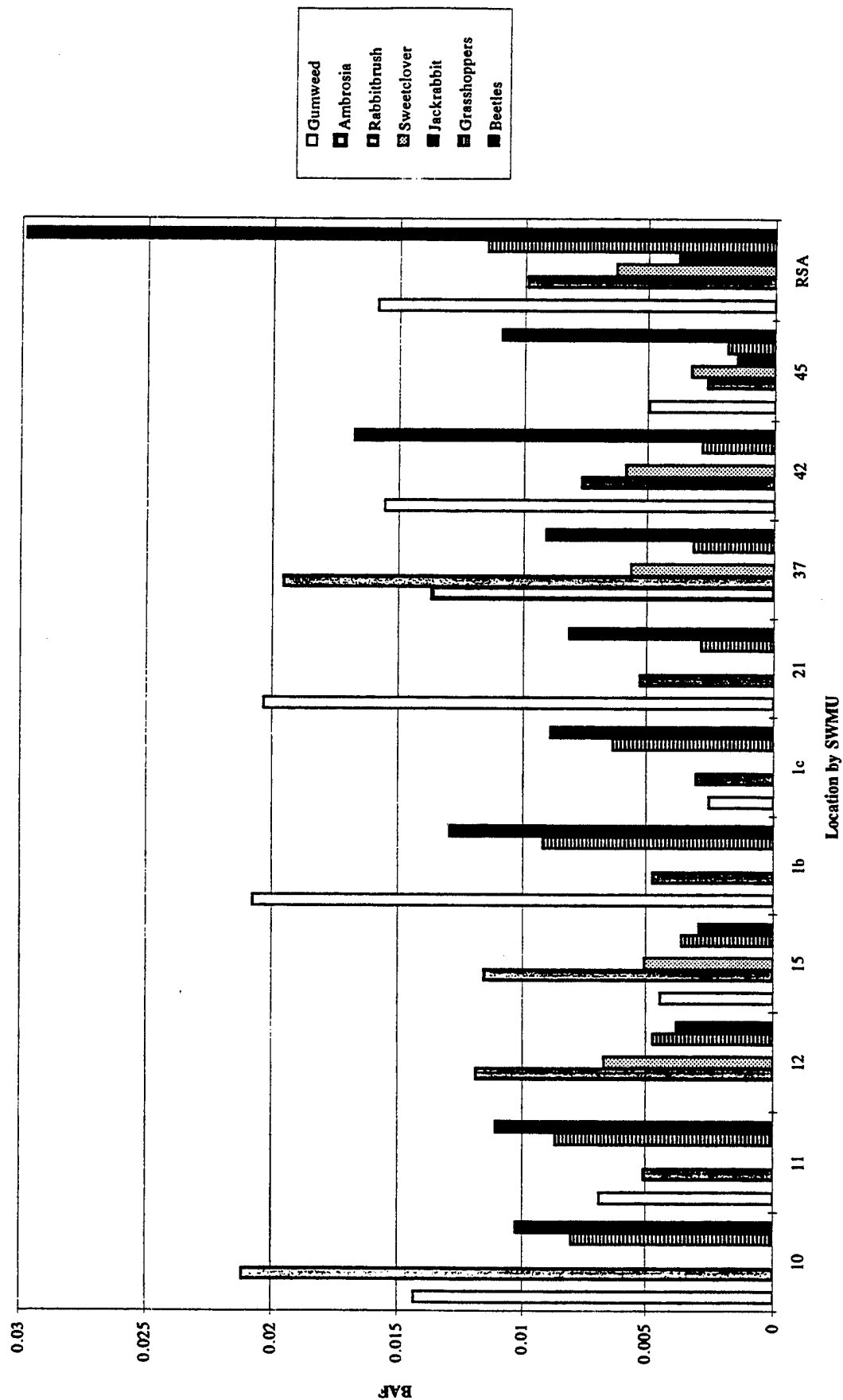
Mean Lead Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



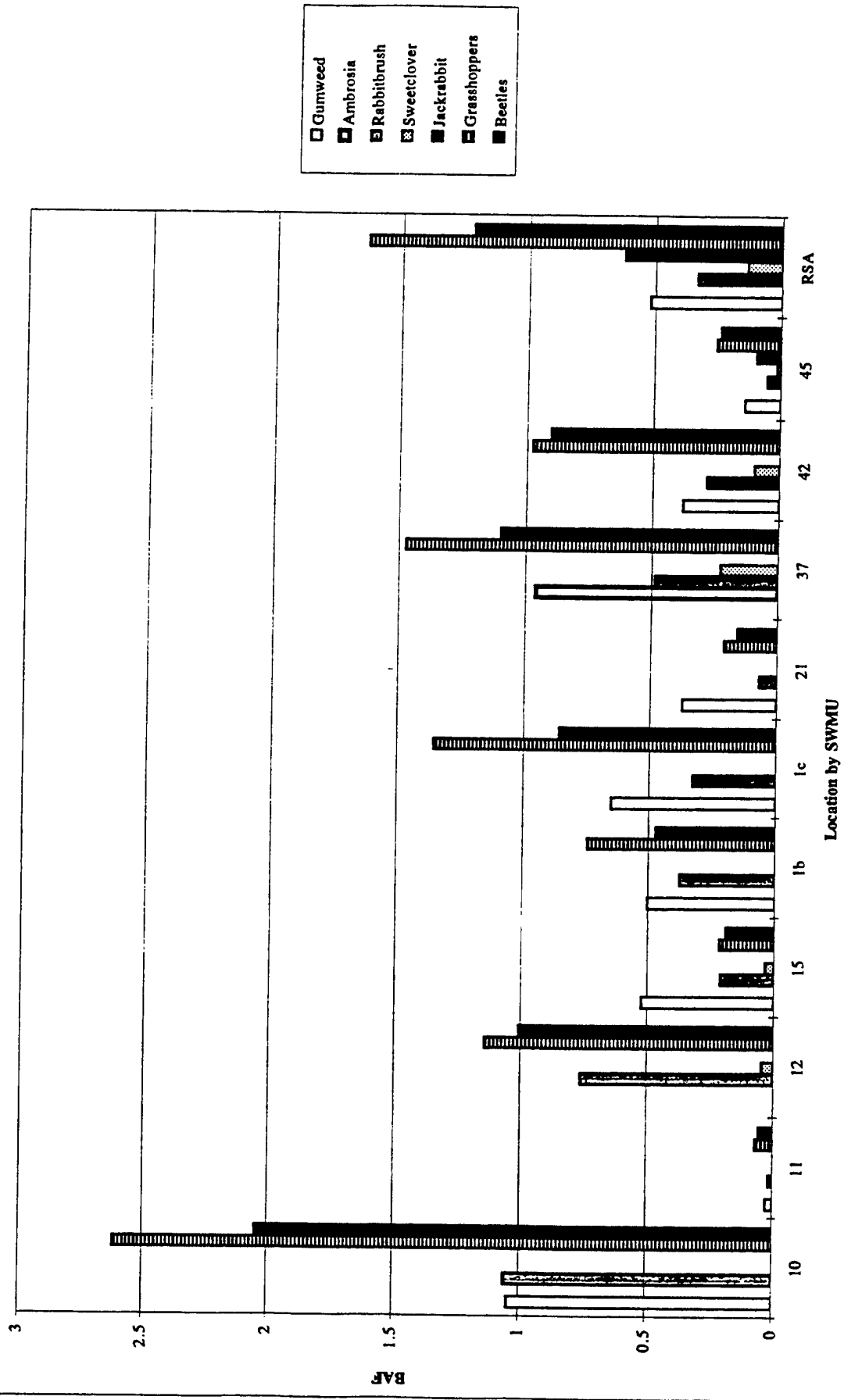
Mean Selenium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



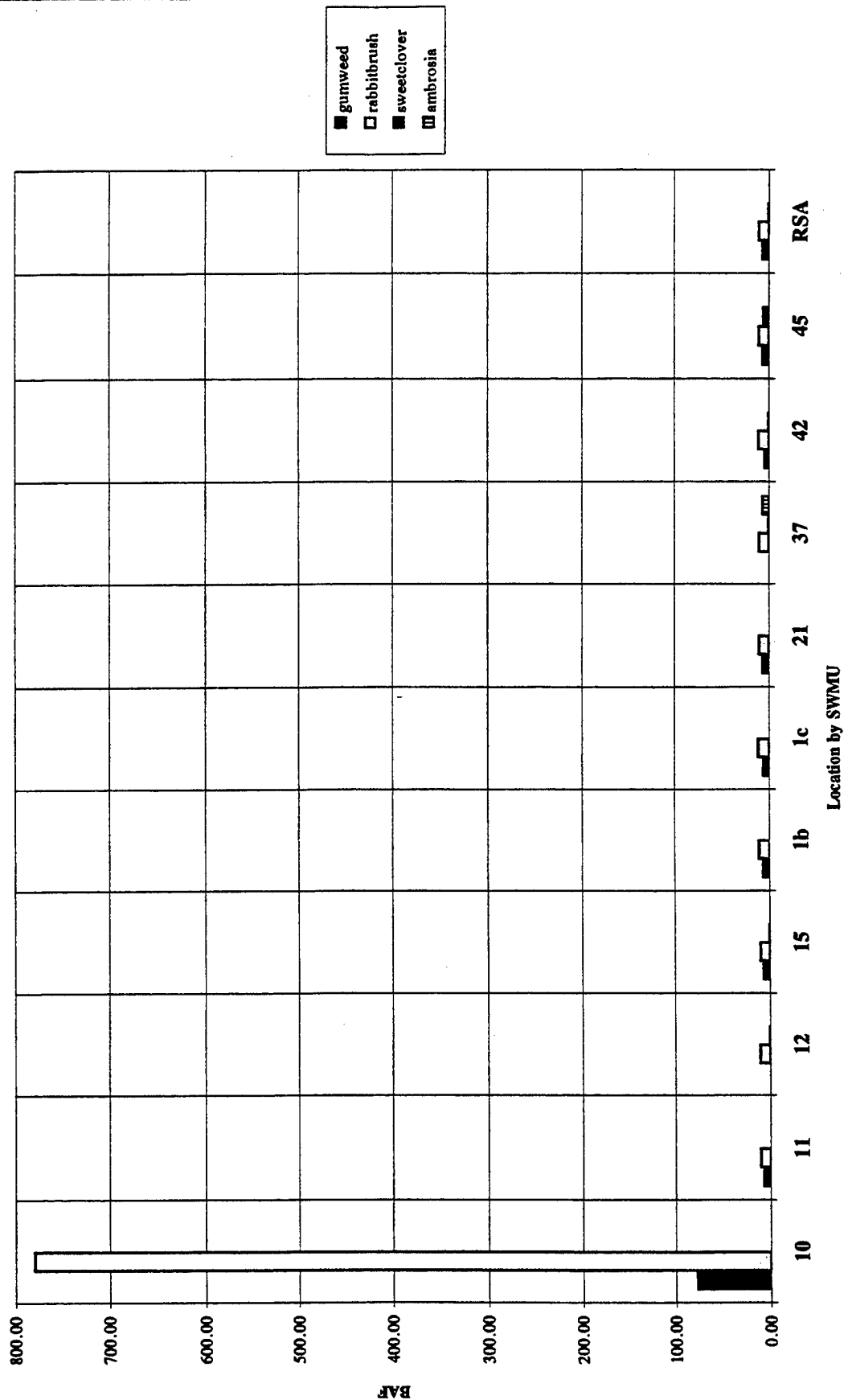
Mean Vanadium Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



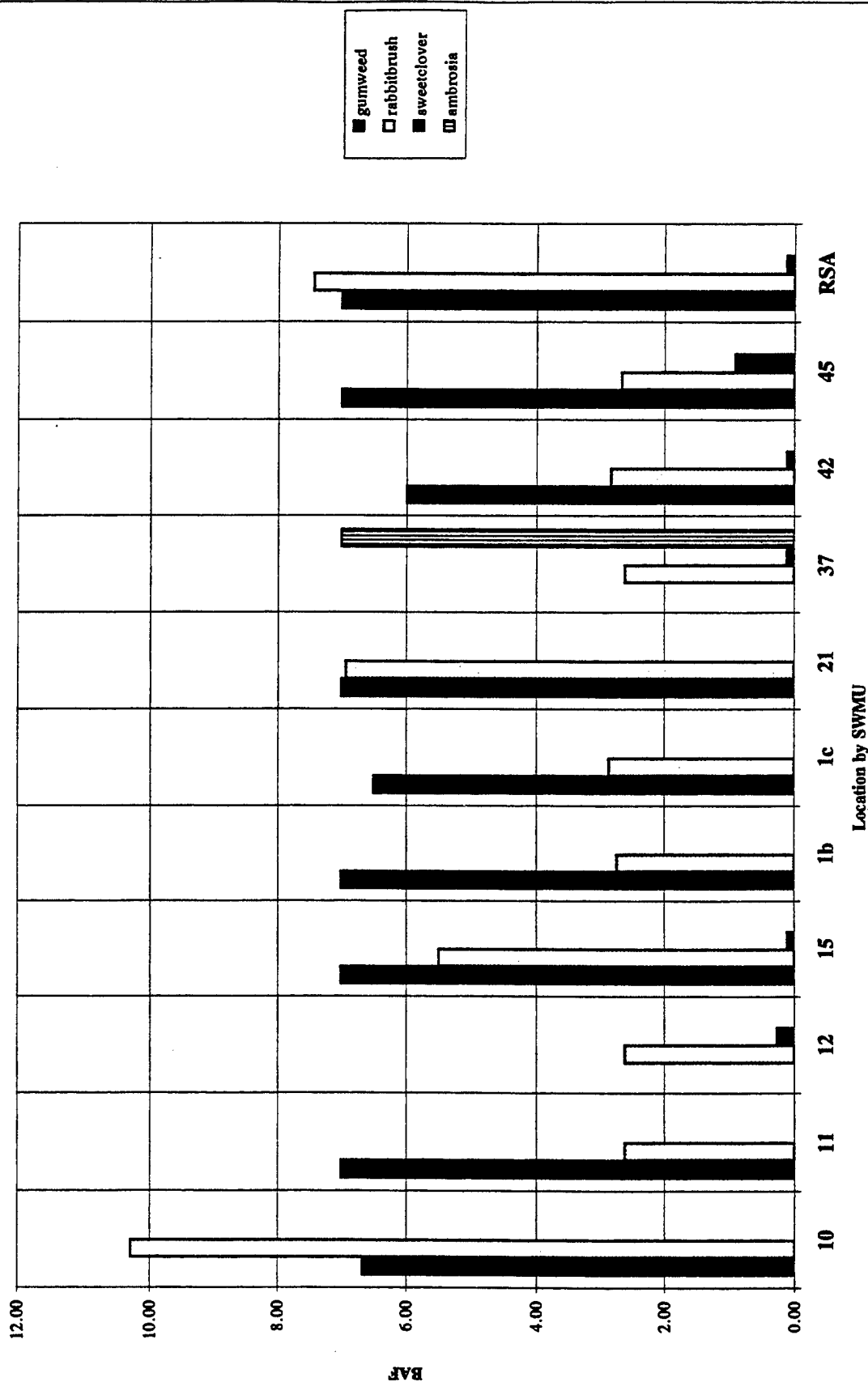
Mean Zinc Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



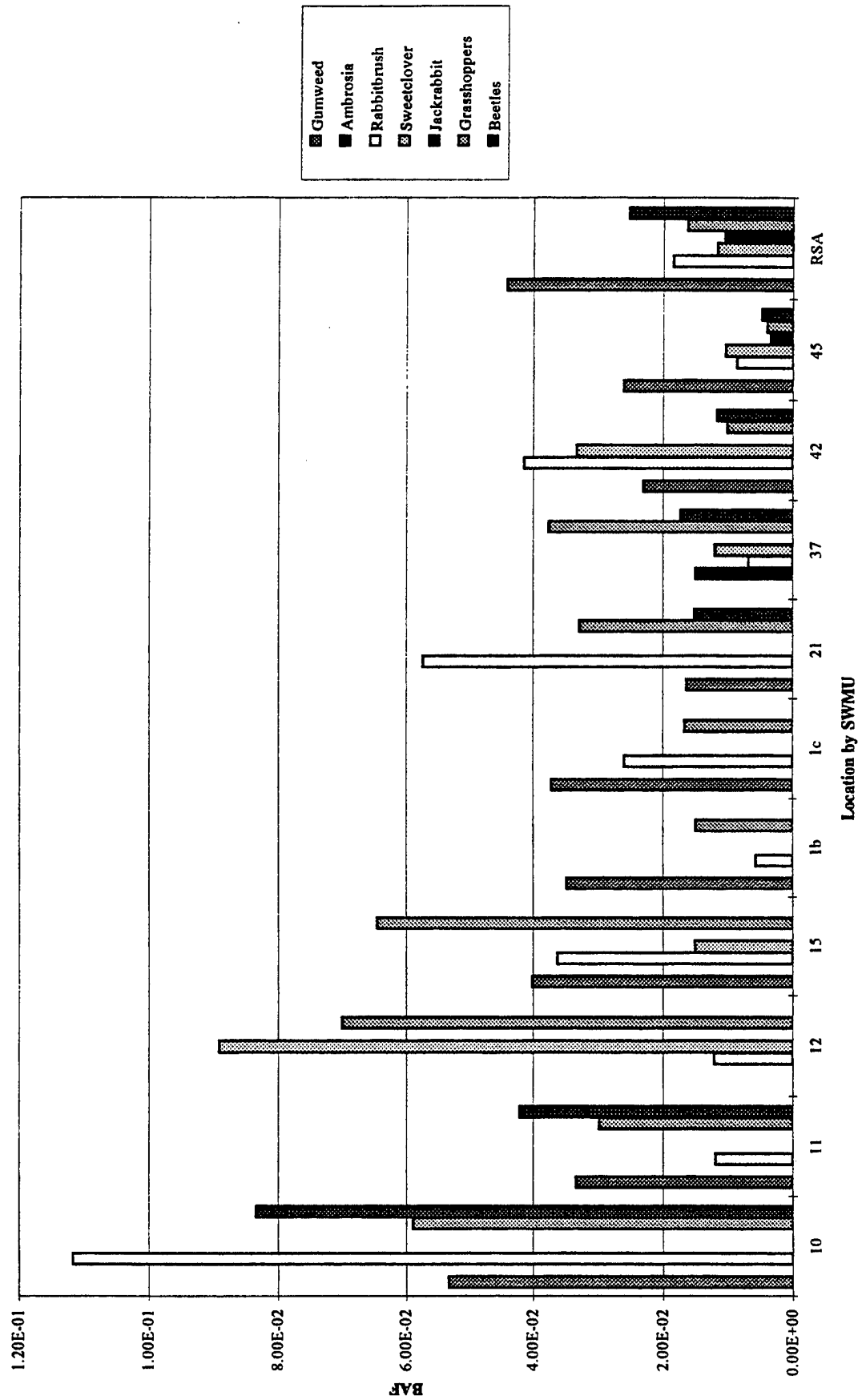
Mean RDX Bioaccumulation Factors in Plants



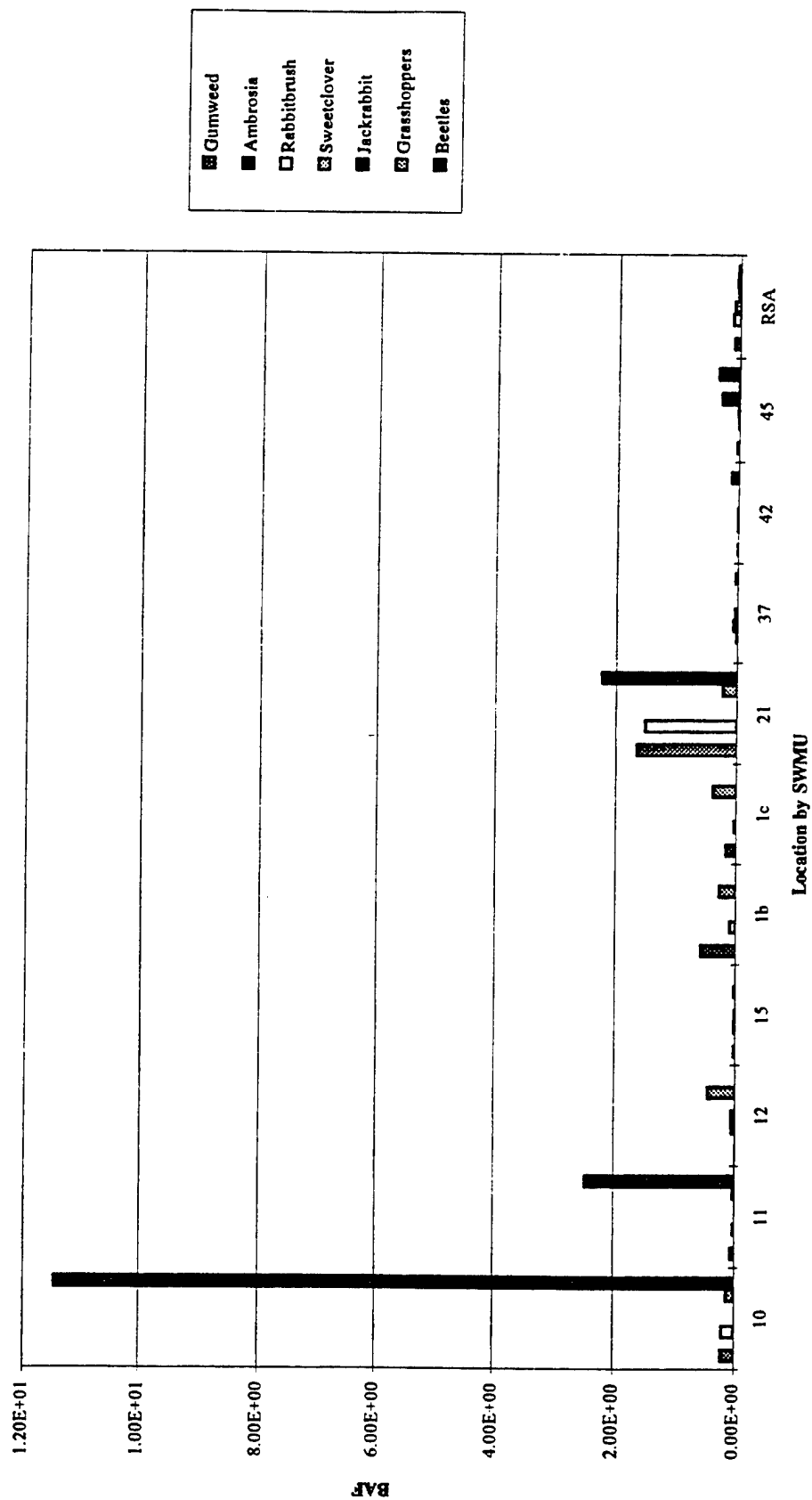
Mean TNT Bioaccumulation Factors in Plants



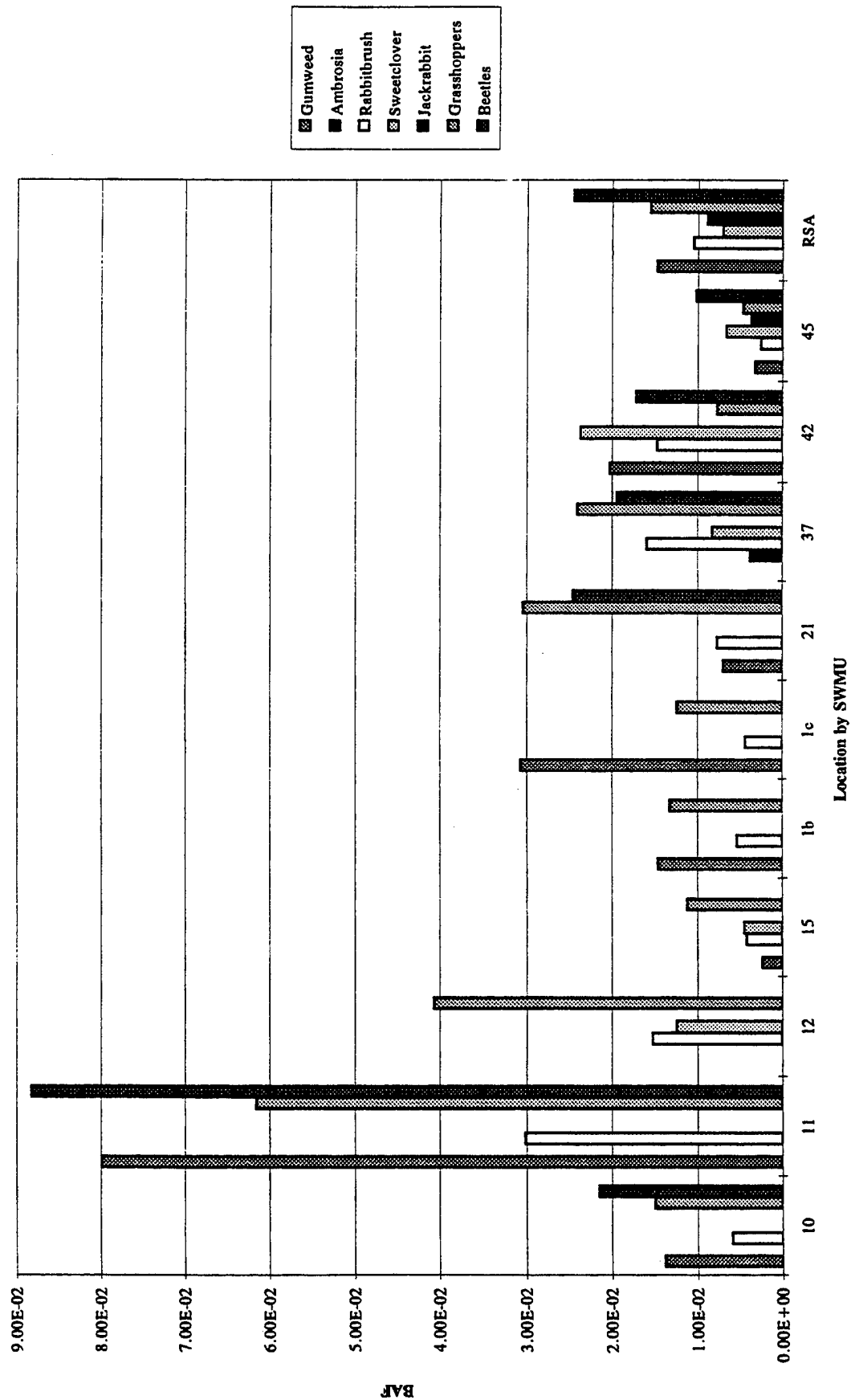
Mean TCDF Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



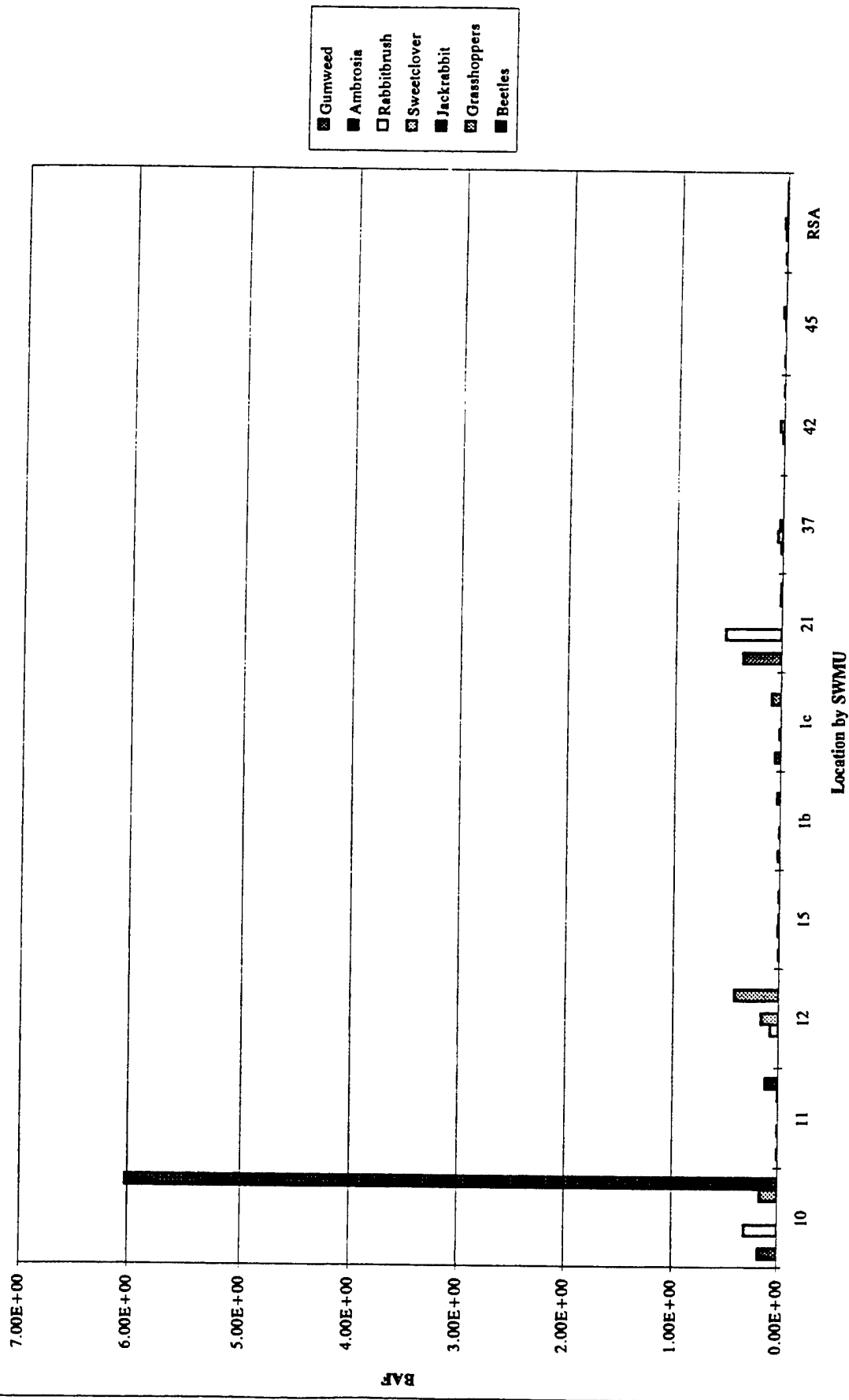
Mean 678HpCDD Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



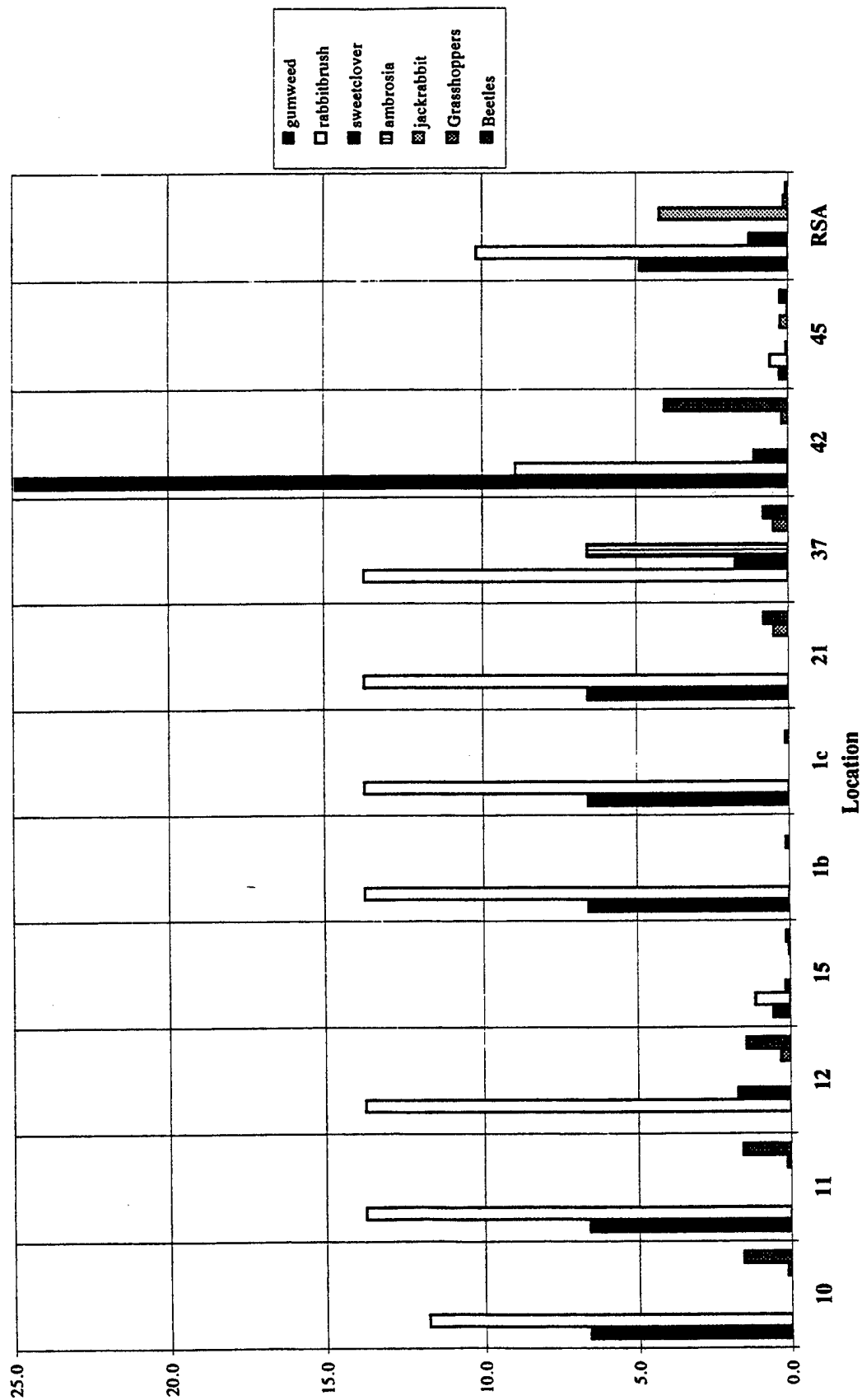
Mean TCDD Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



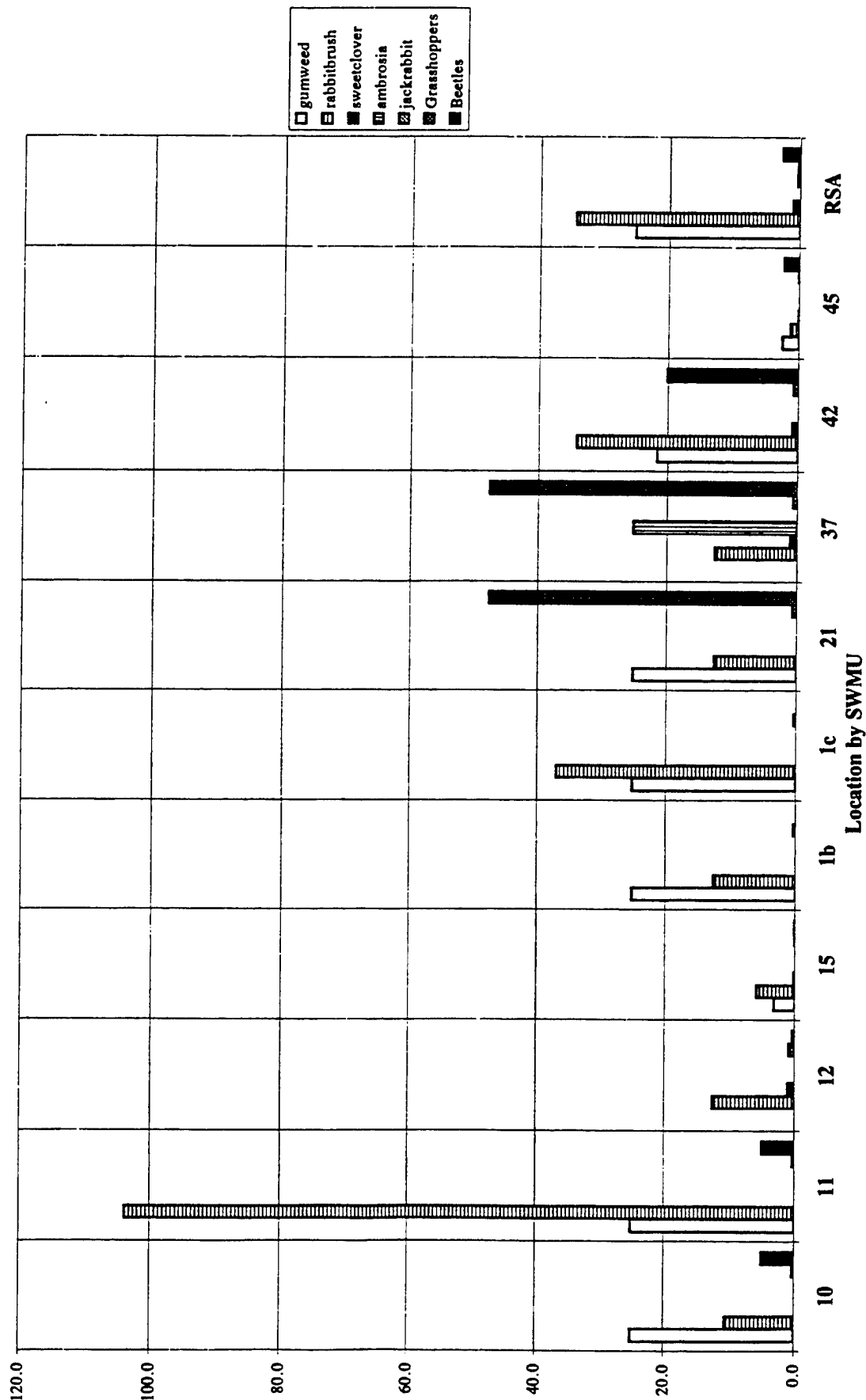
Mean OCDD Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



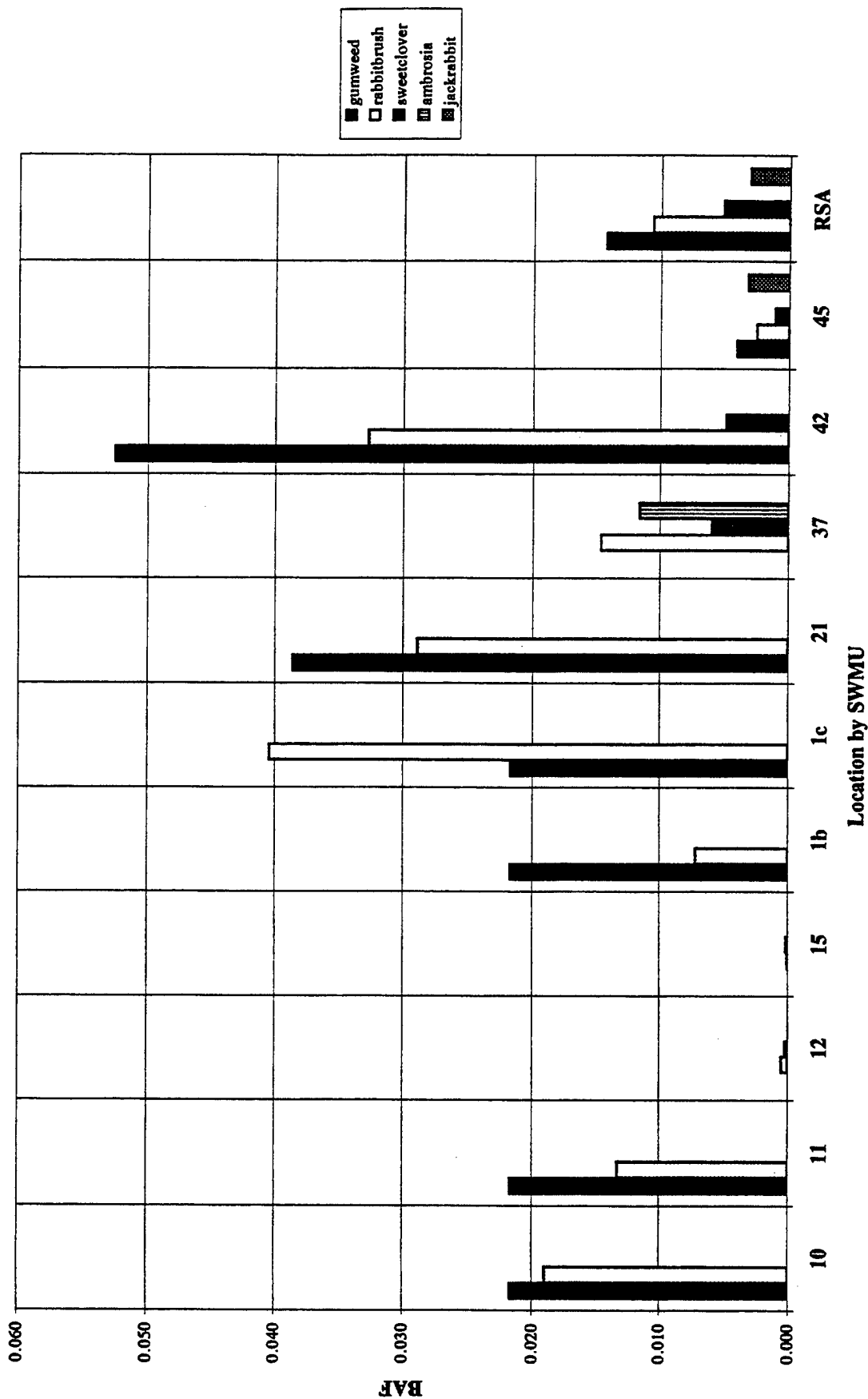
Mean DDT Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



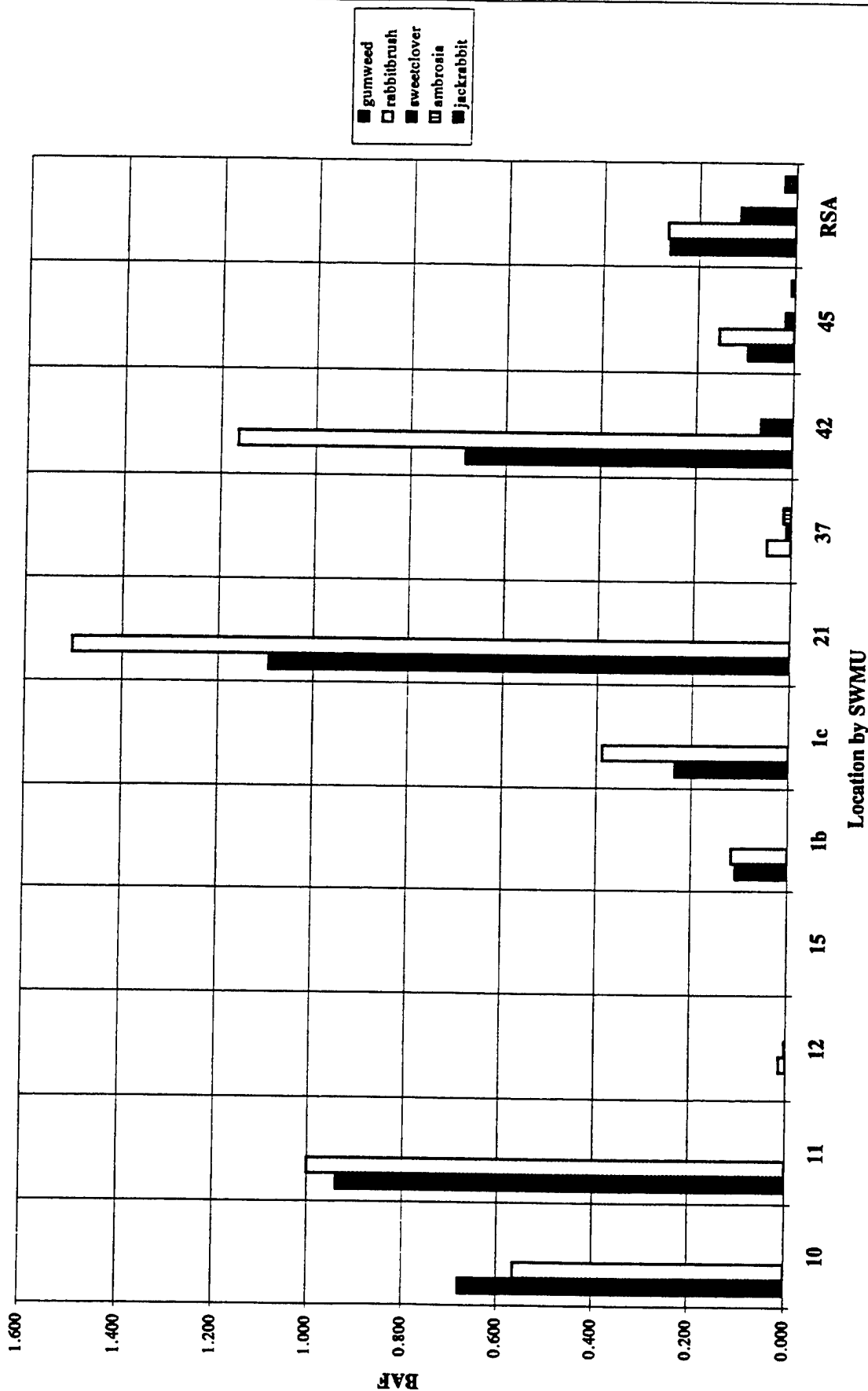
Mean DDE Bioaccumulation Factors in Plants, Jackrabbits, and Invertebrates



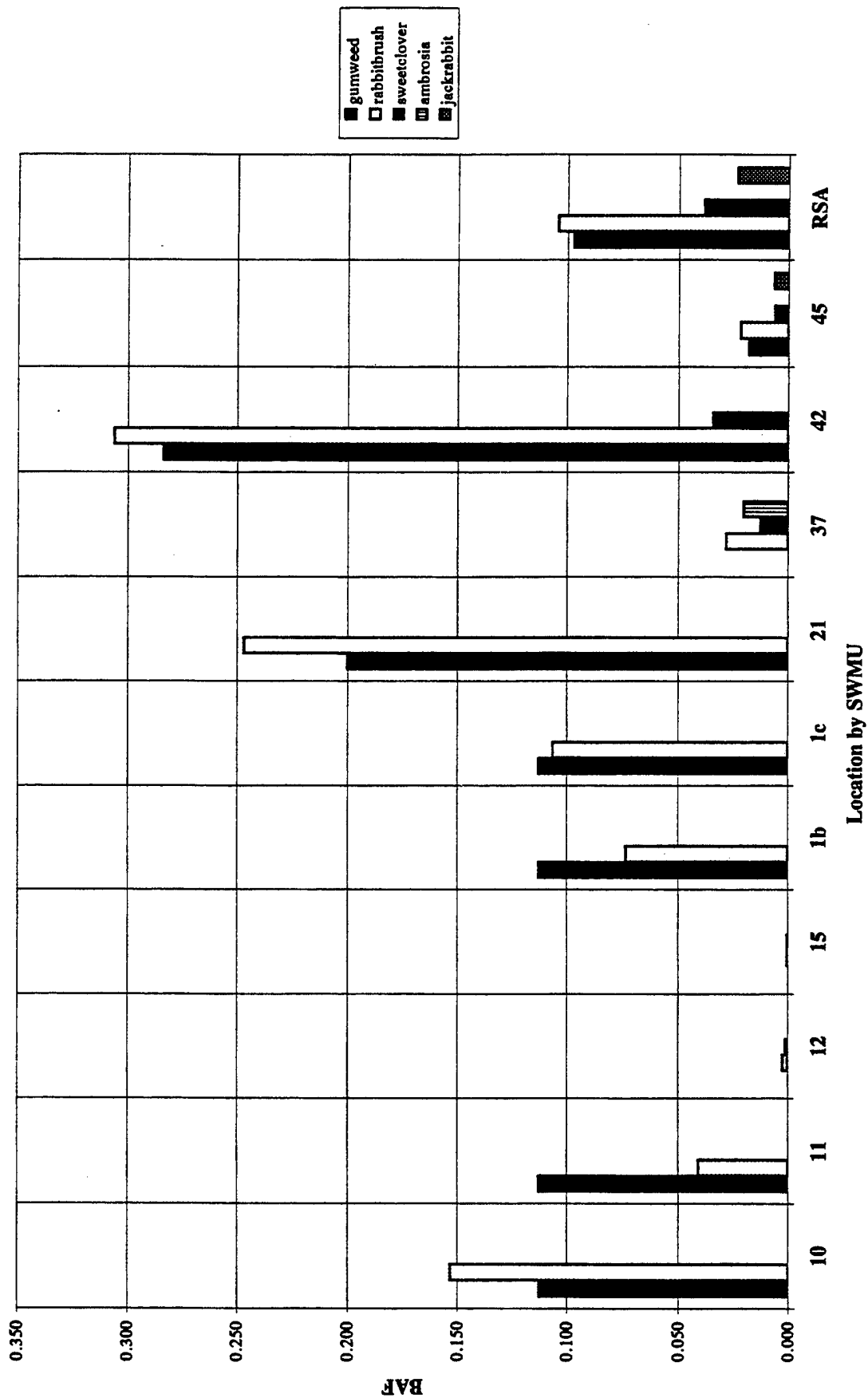
Mean Pyrene Bioaccumulation Factors in Plants and Jackrabbits



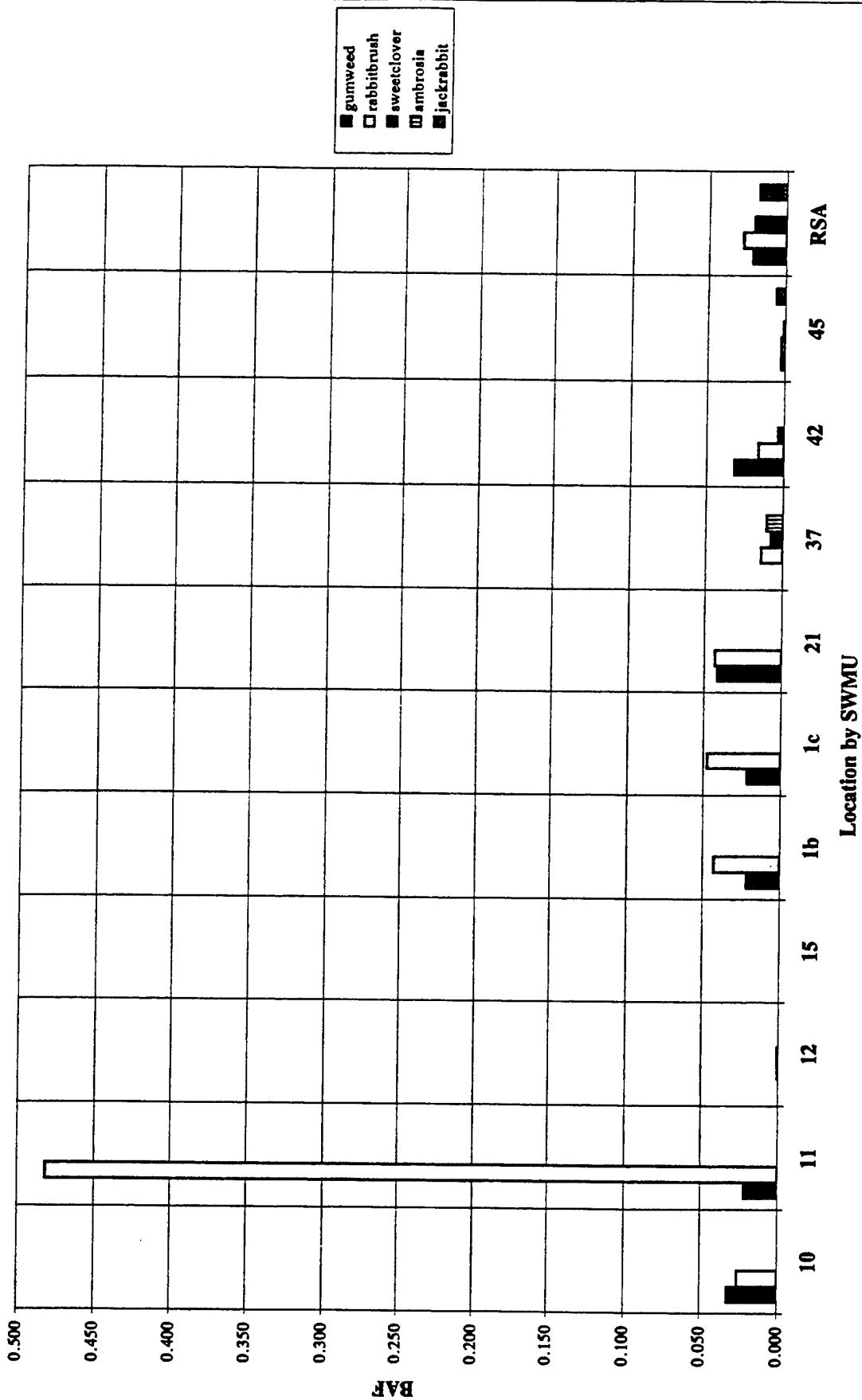
Mean Phenanthrene Bioaccumulation Factors in Plants and Jackrabbits



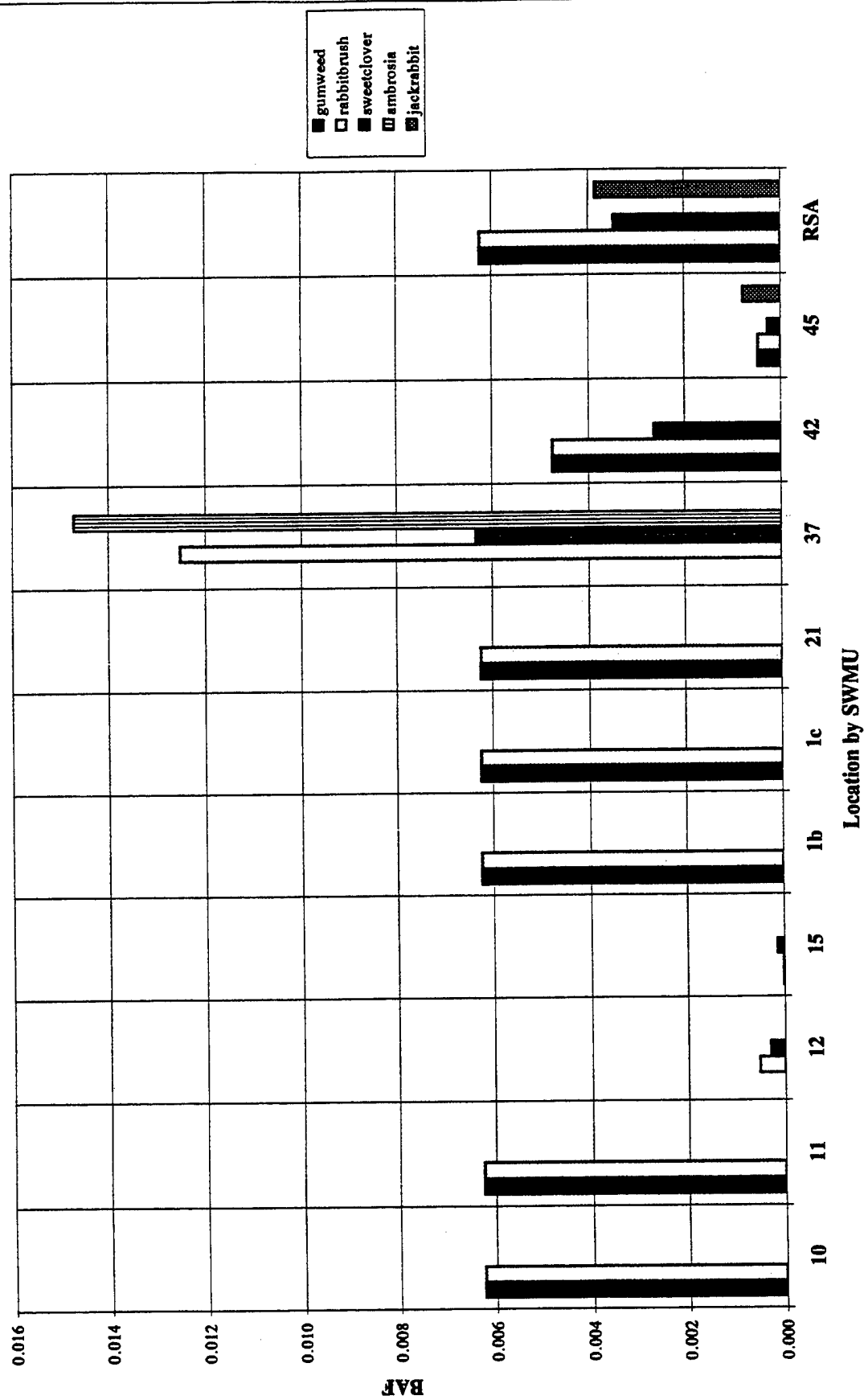
Mean Fluoranthene Bioaccumulation Factors in Plants and Jackrabbits



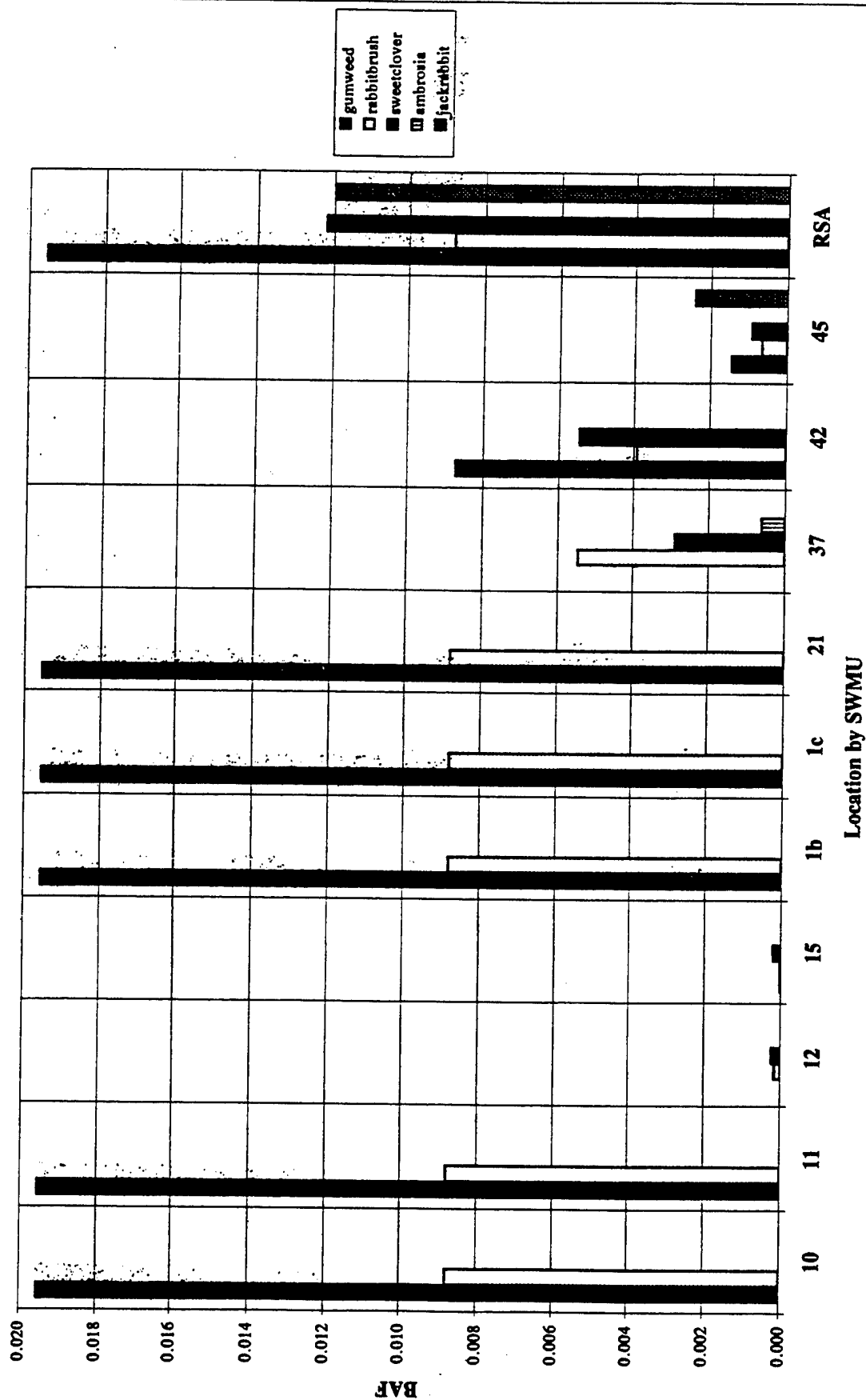
Mean Chrysene Bioaccumulation Factors in Plants and Jackrabbits

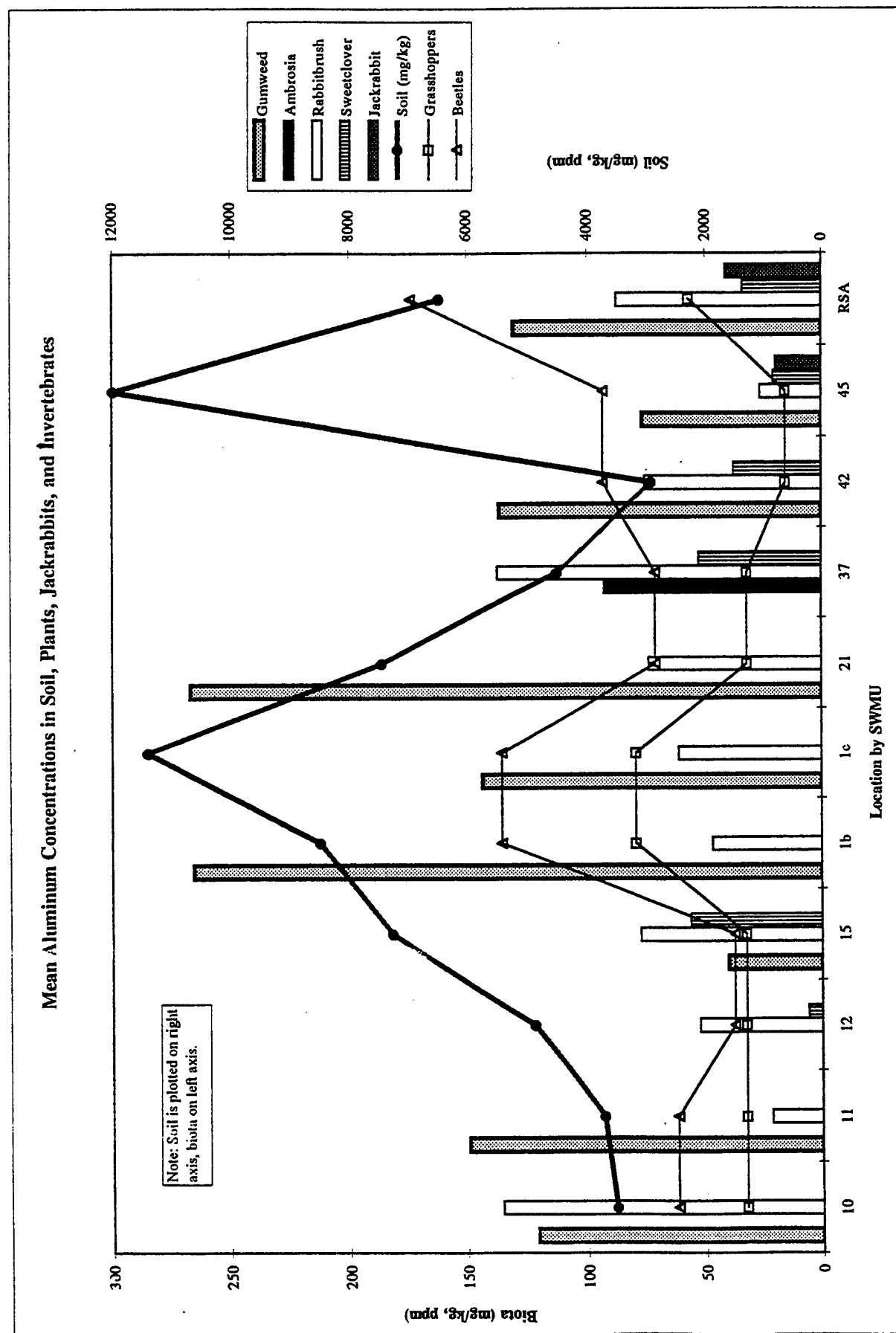


Mean Benzo(k)fluoranthene Bioaccumulation Factors in Plants and Jackrabbits

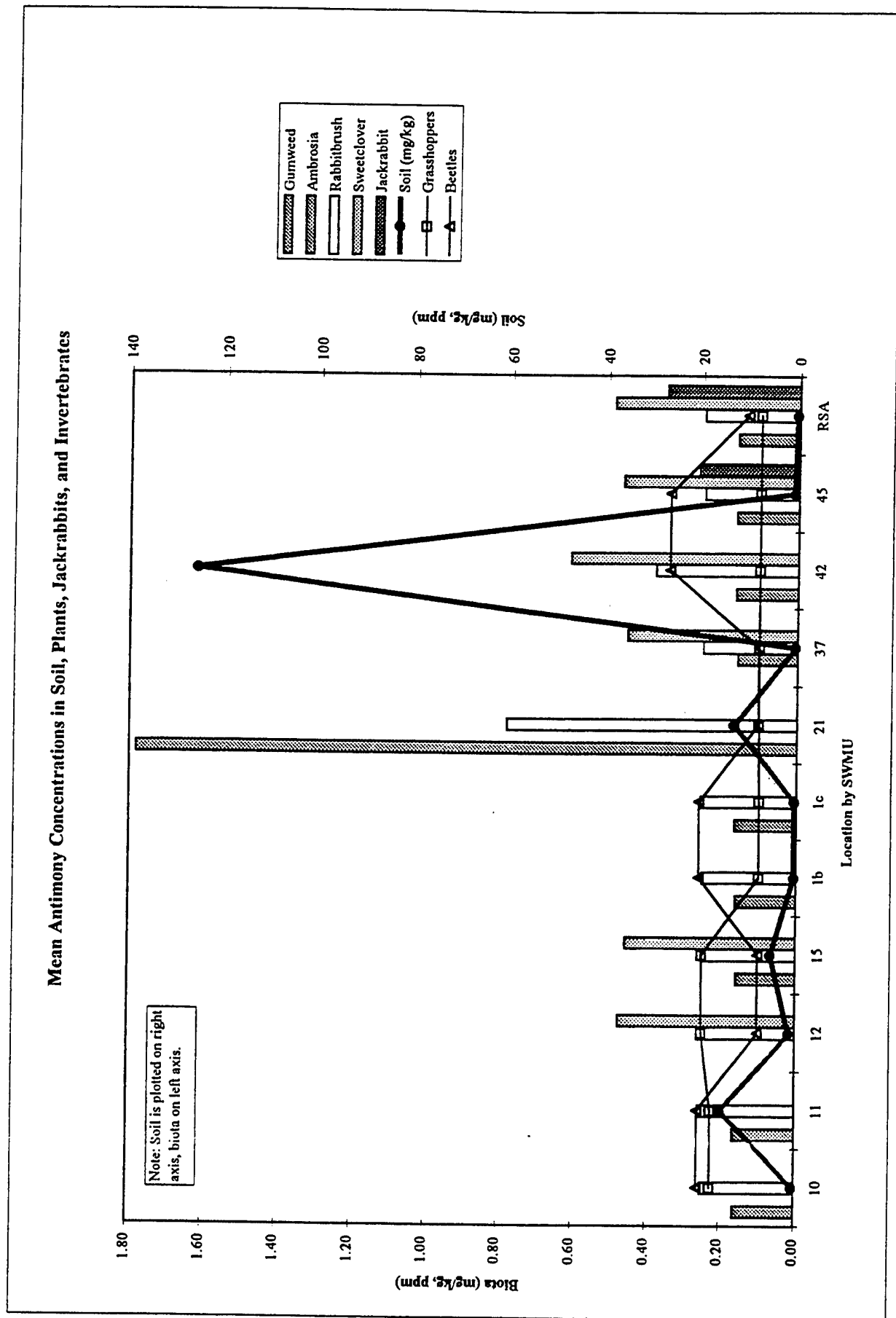


Mean Benzo(a)anthracene Bioaccumulation Factors in Plants and Jackrabbits

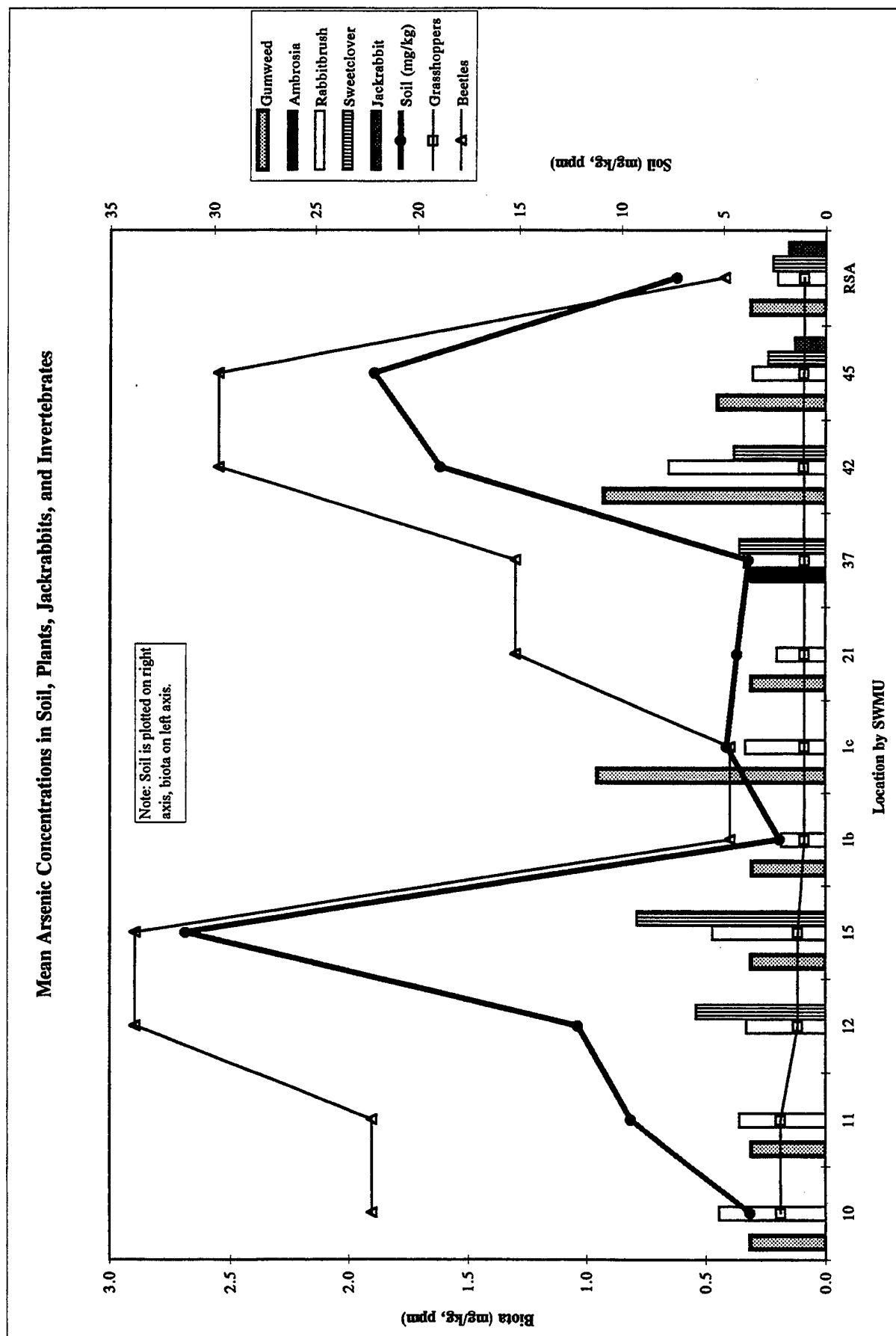




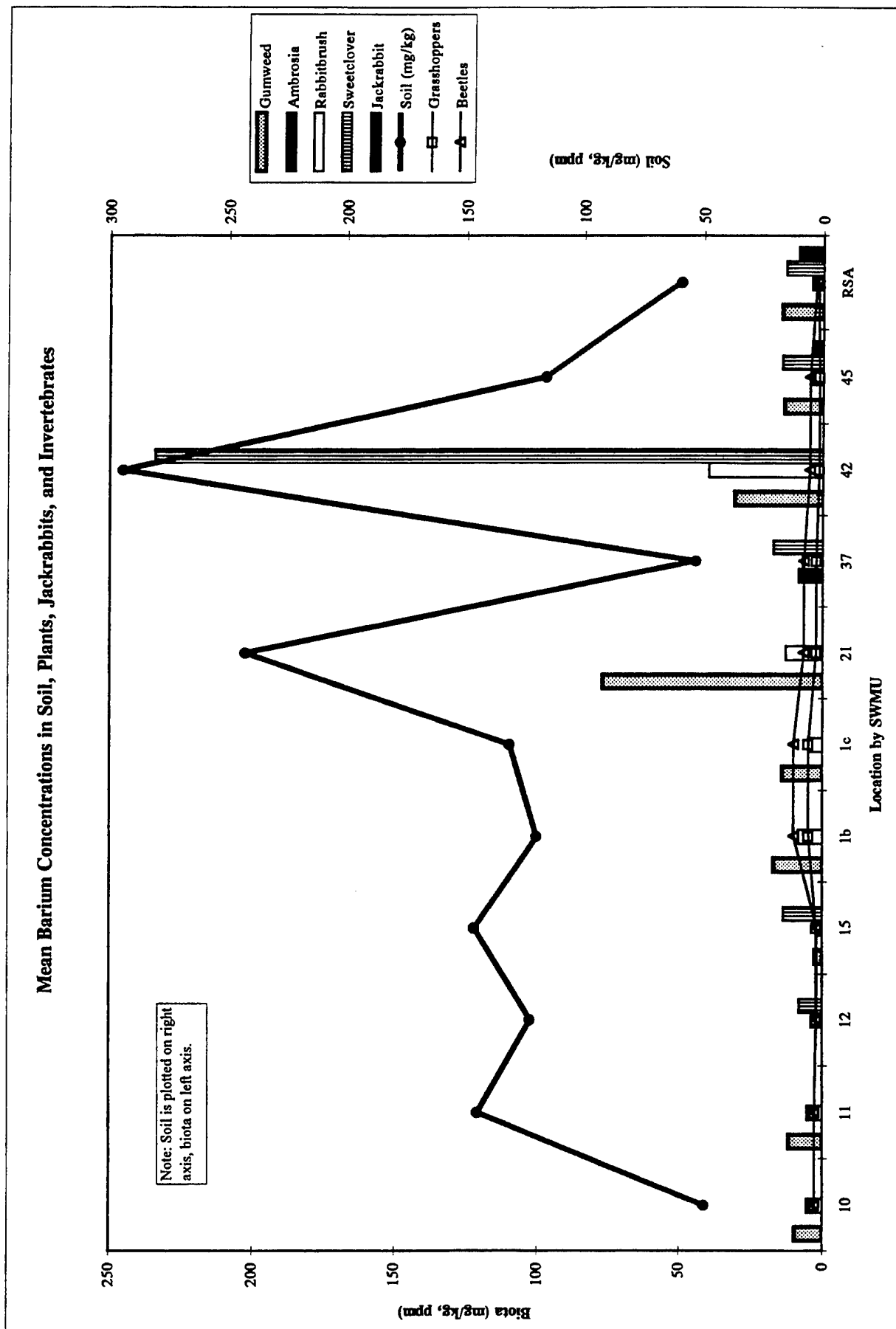
Mean Aluminum Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



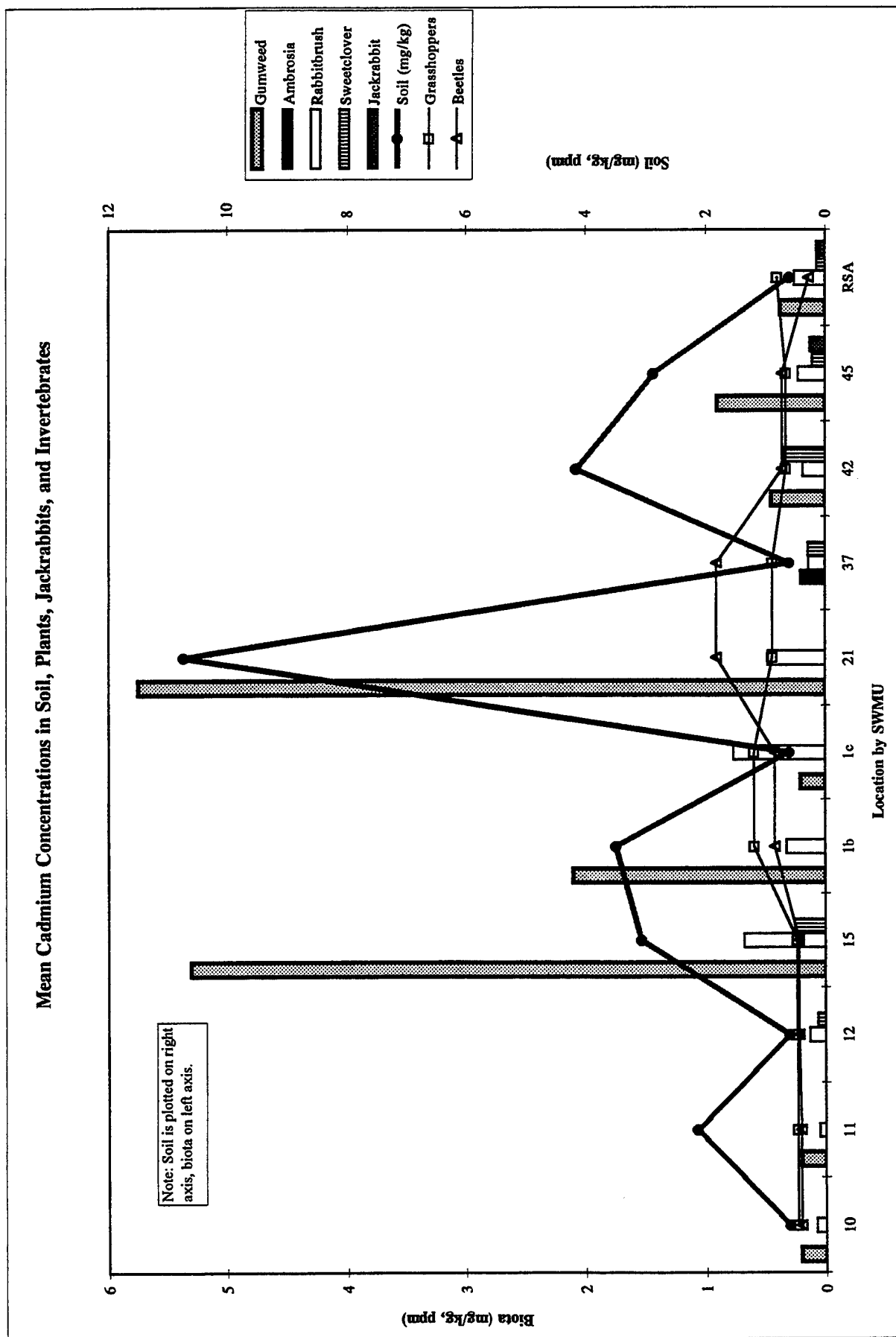
Mean Antimony Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



Mean Arsenic Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

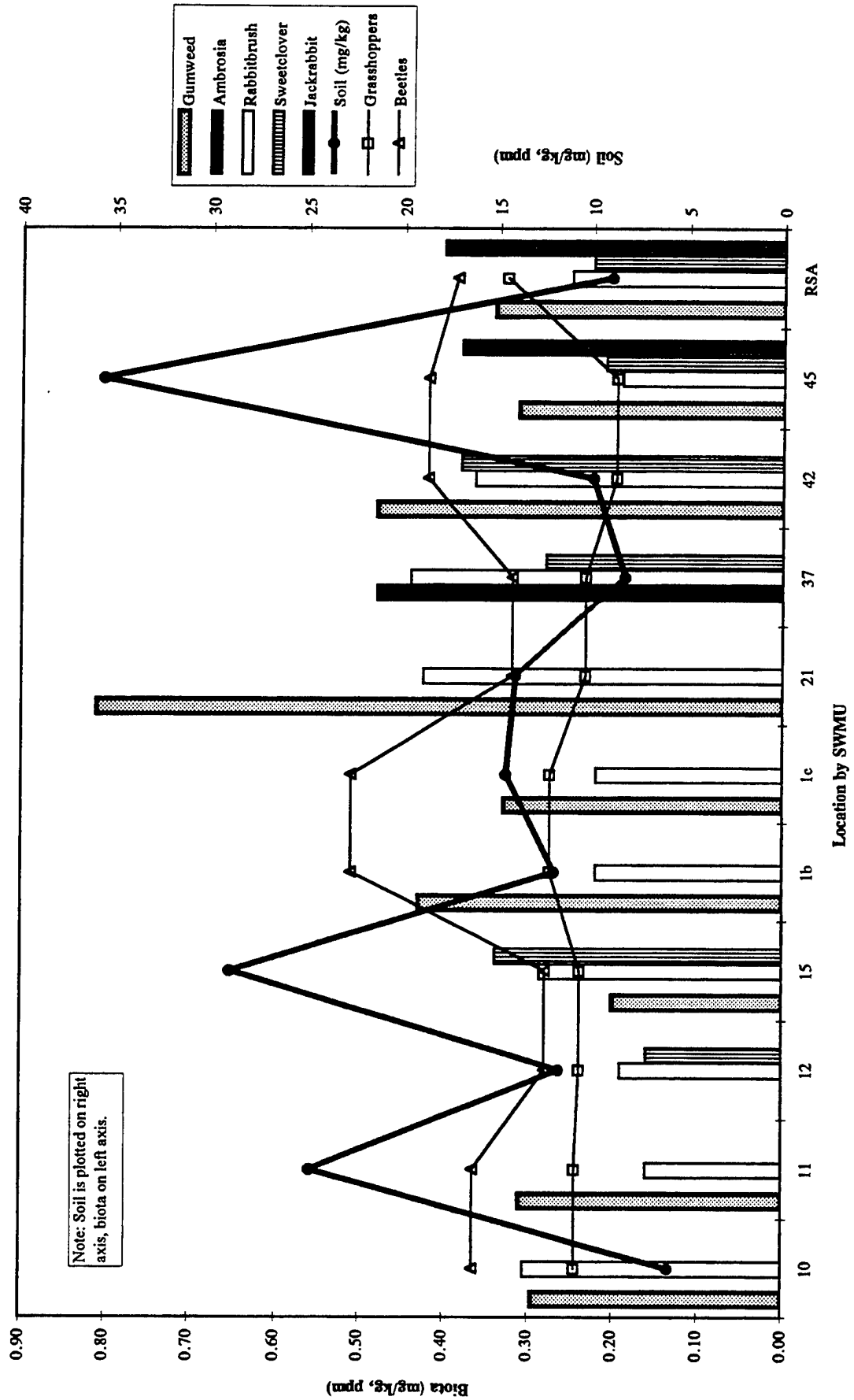


Mean Barium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

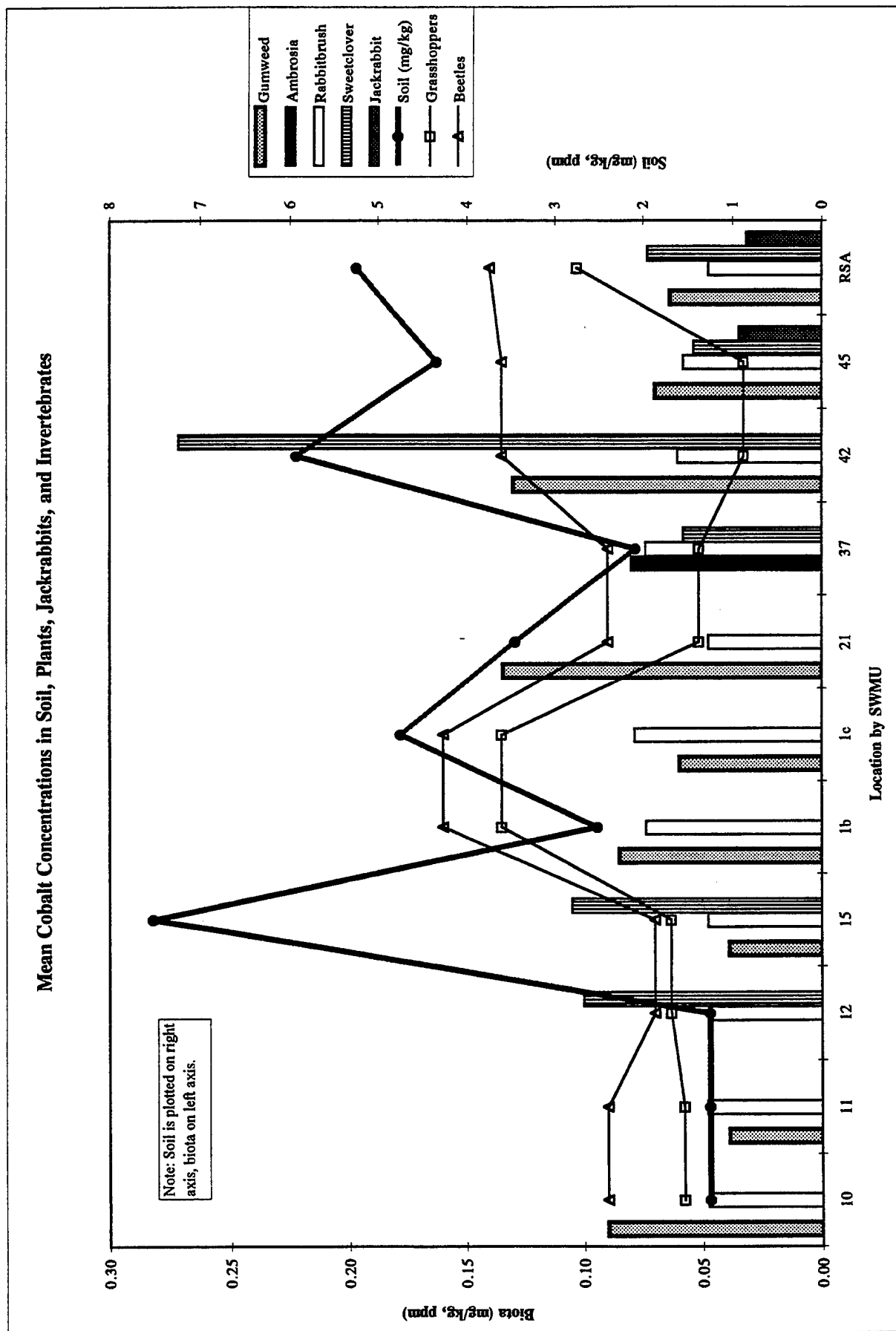


Mean Cadmium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

Mean Chromium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

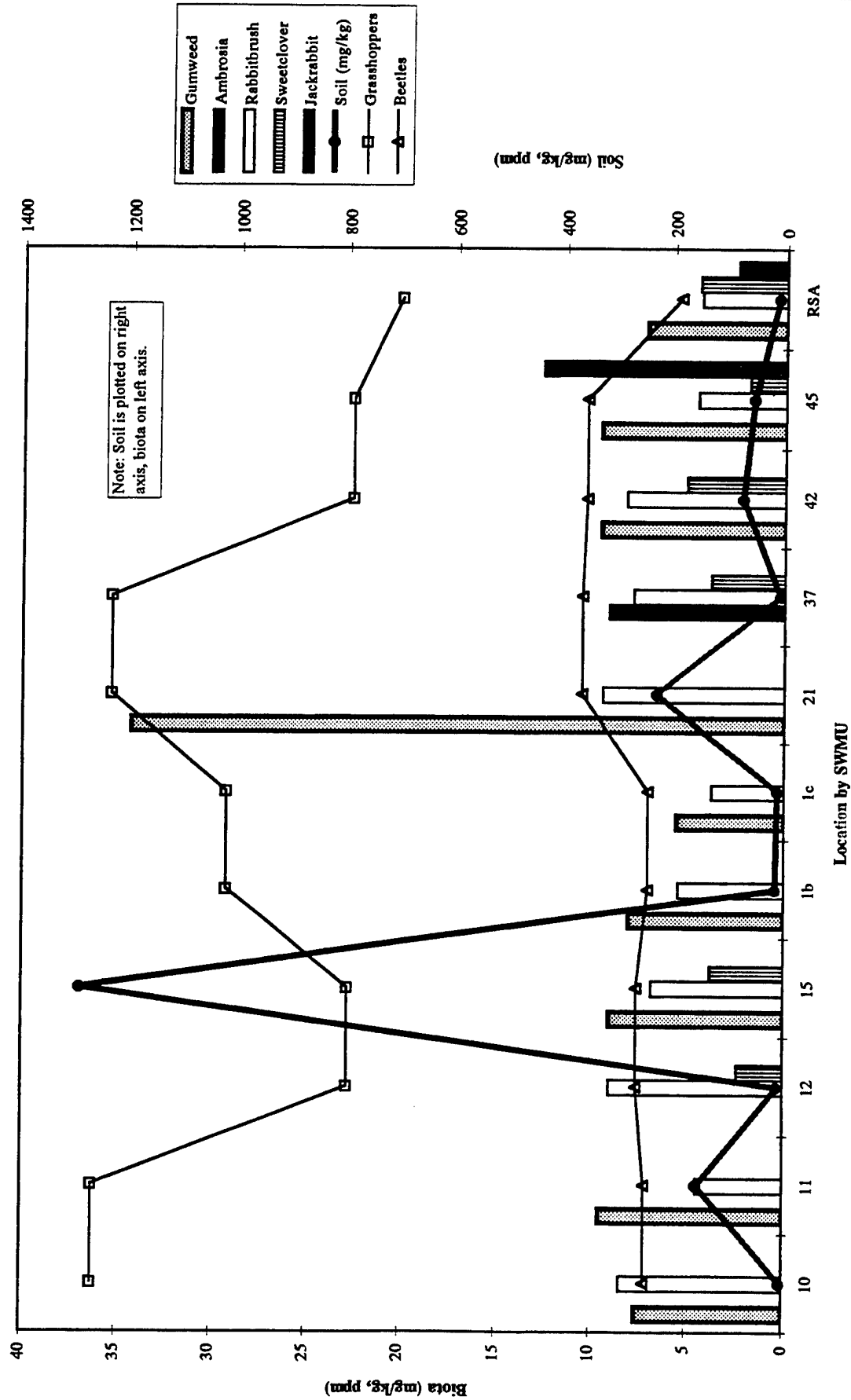


Mean Chromium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



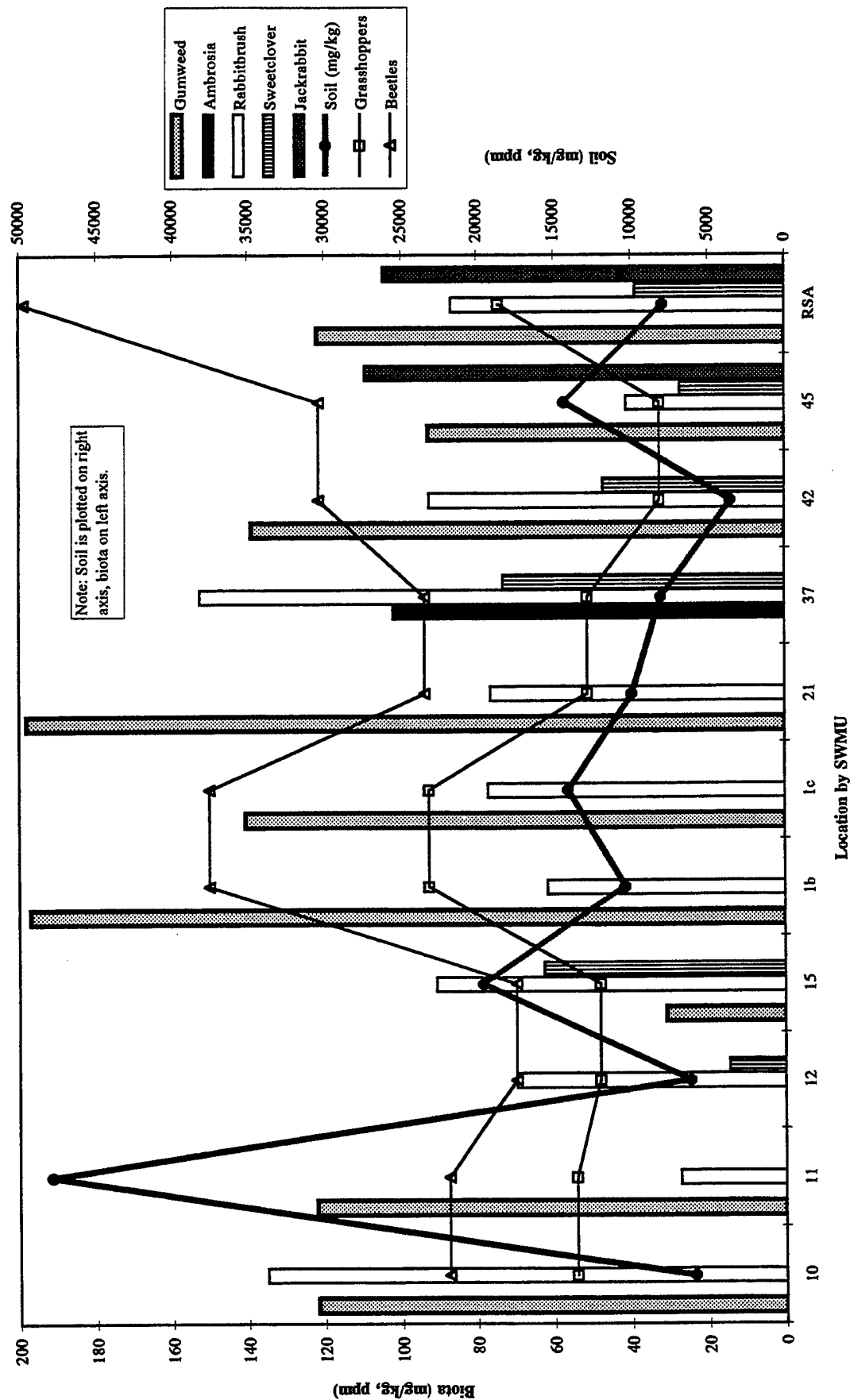
Mean Cobalt Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

Mean Copper Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



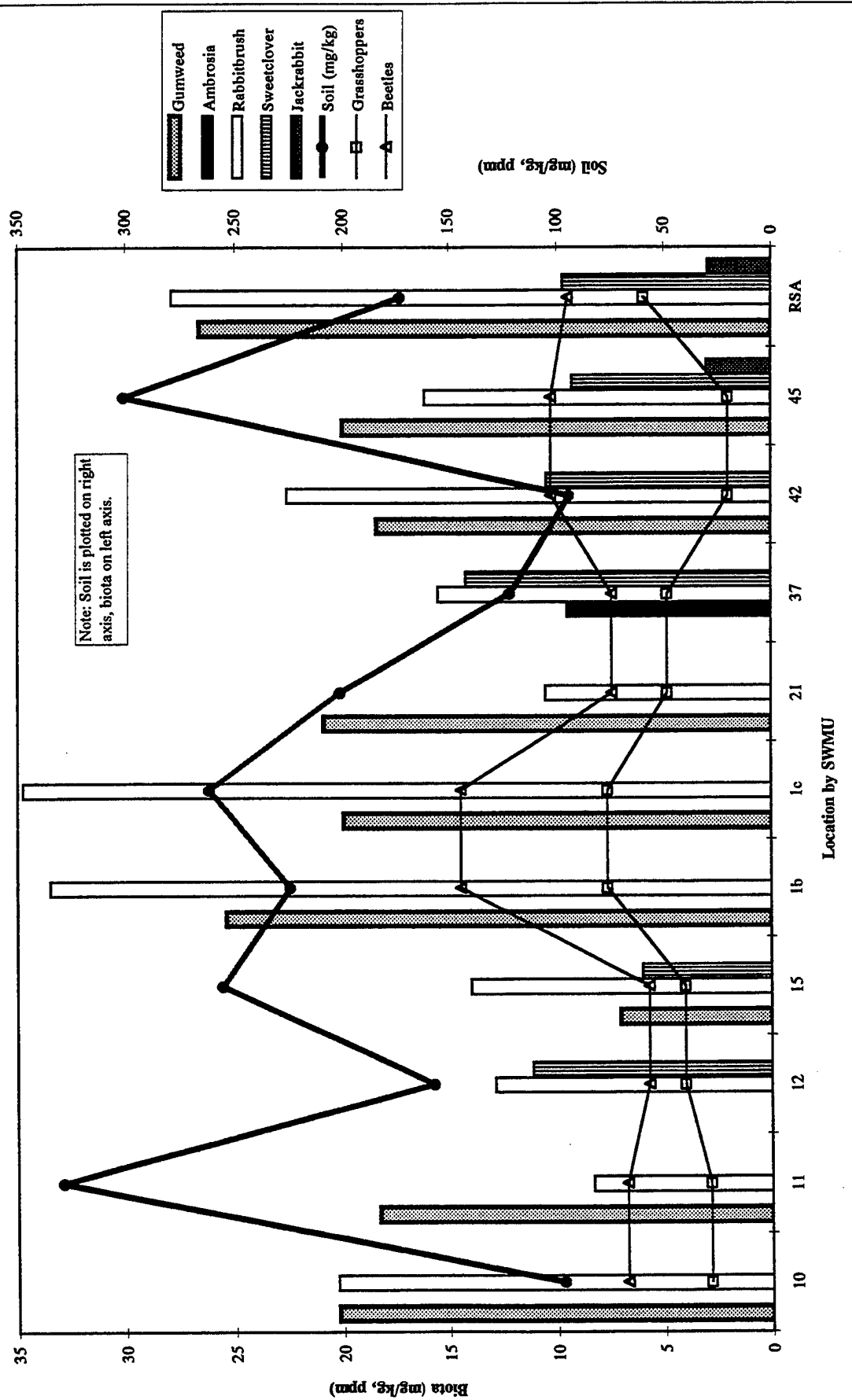
Mean Copper Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

Mean Iron Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



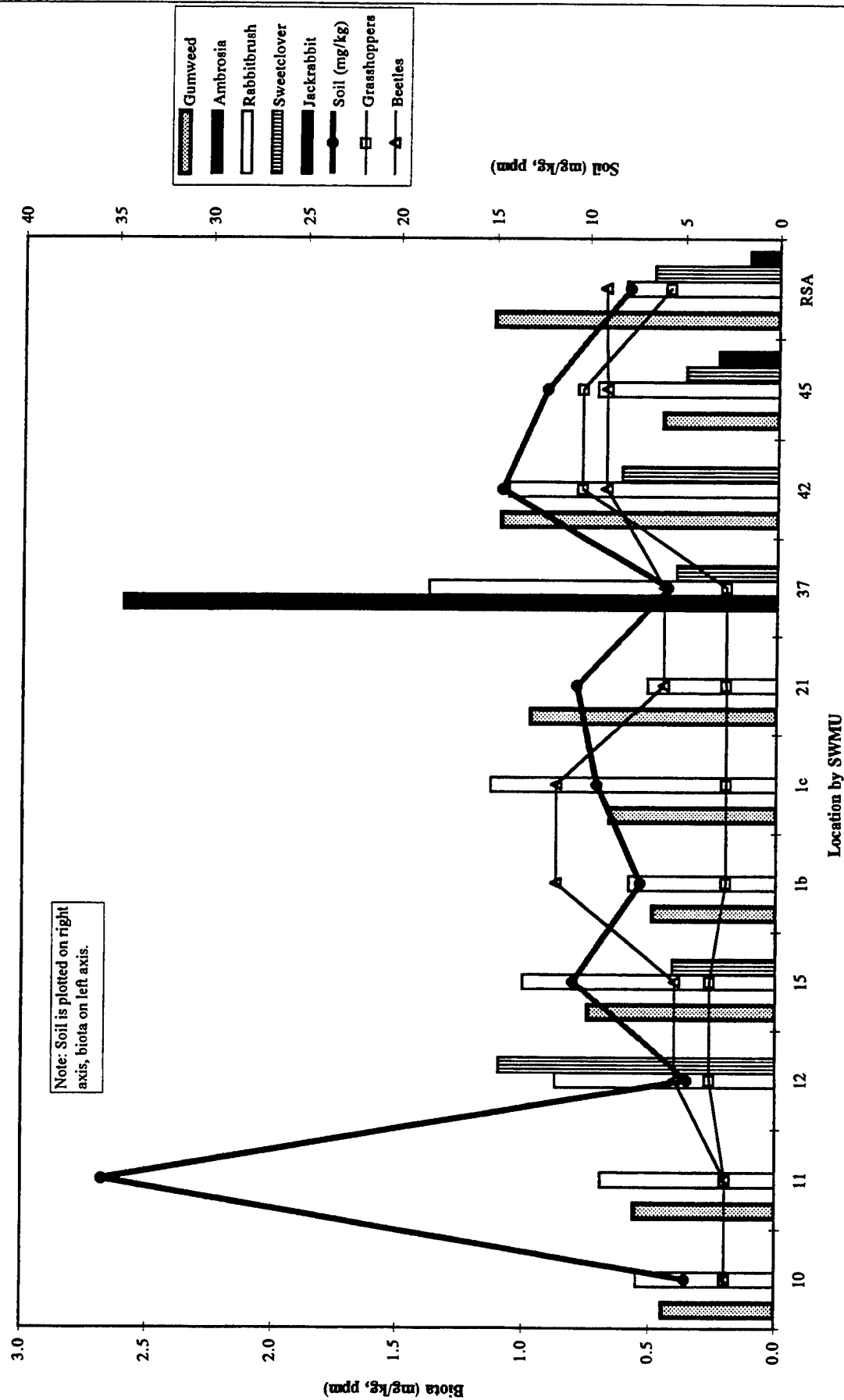
Mean Iron Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

Mean Manganese Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



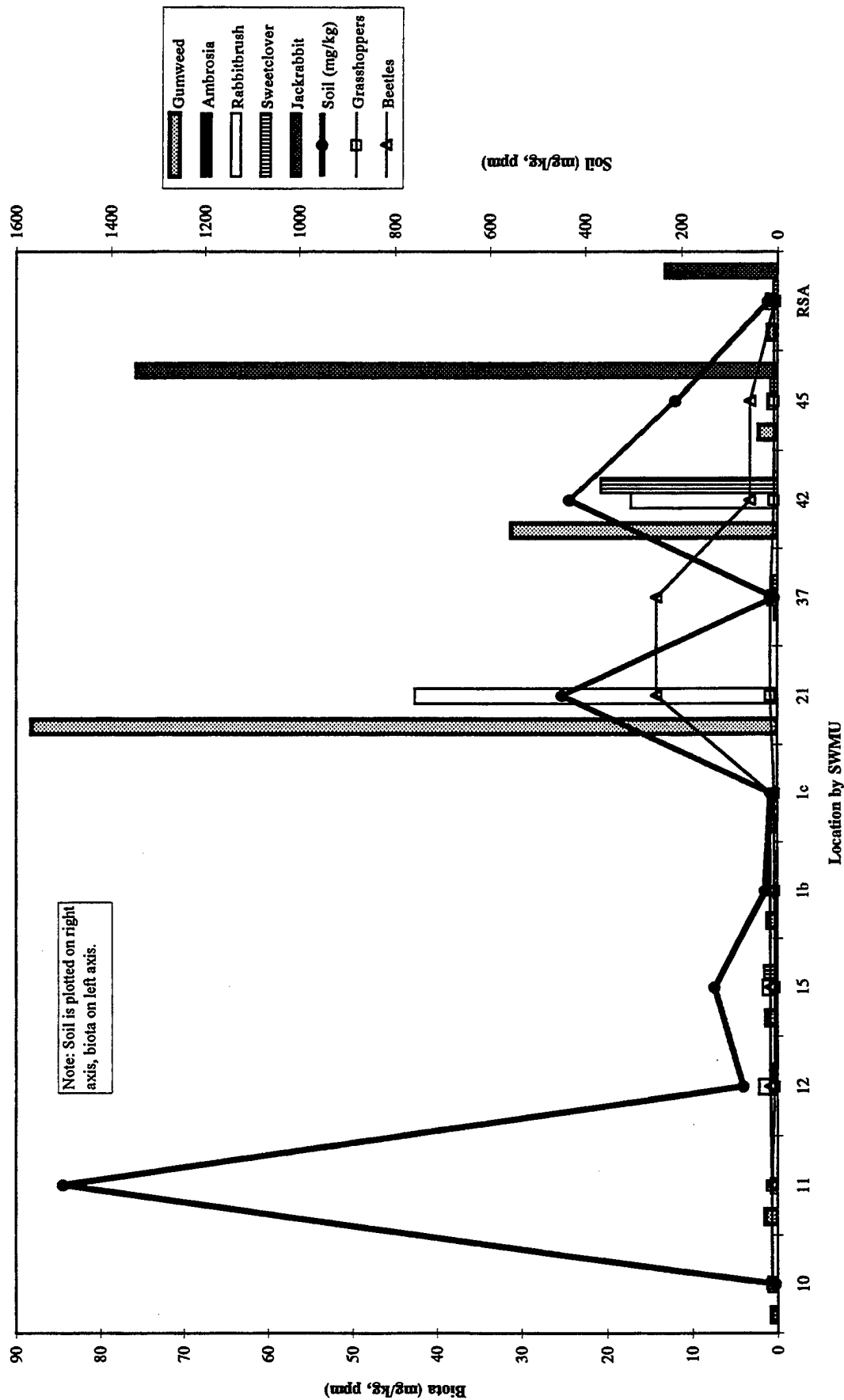
Mean Manganese Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

Mean Nickel Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

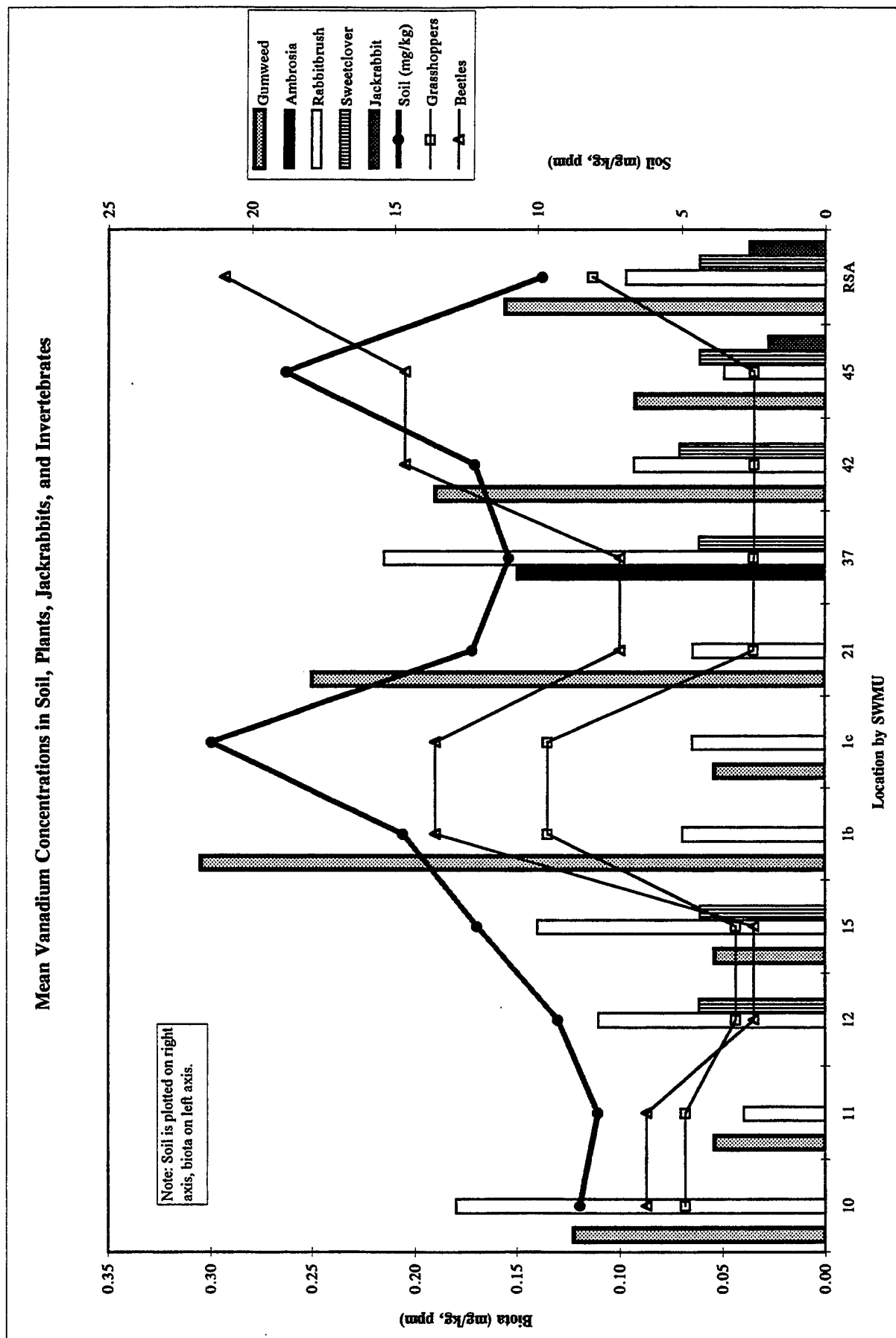


Mean Nickel Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

Mean Lead Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

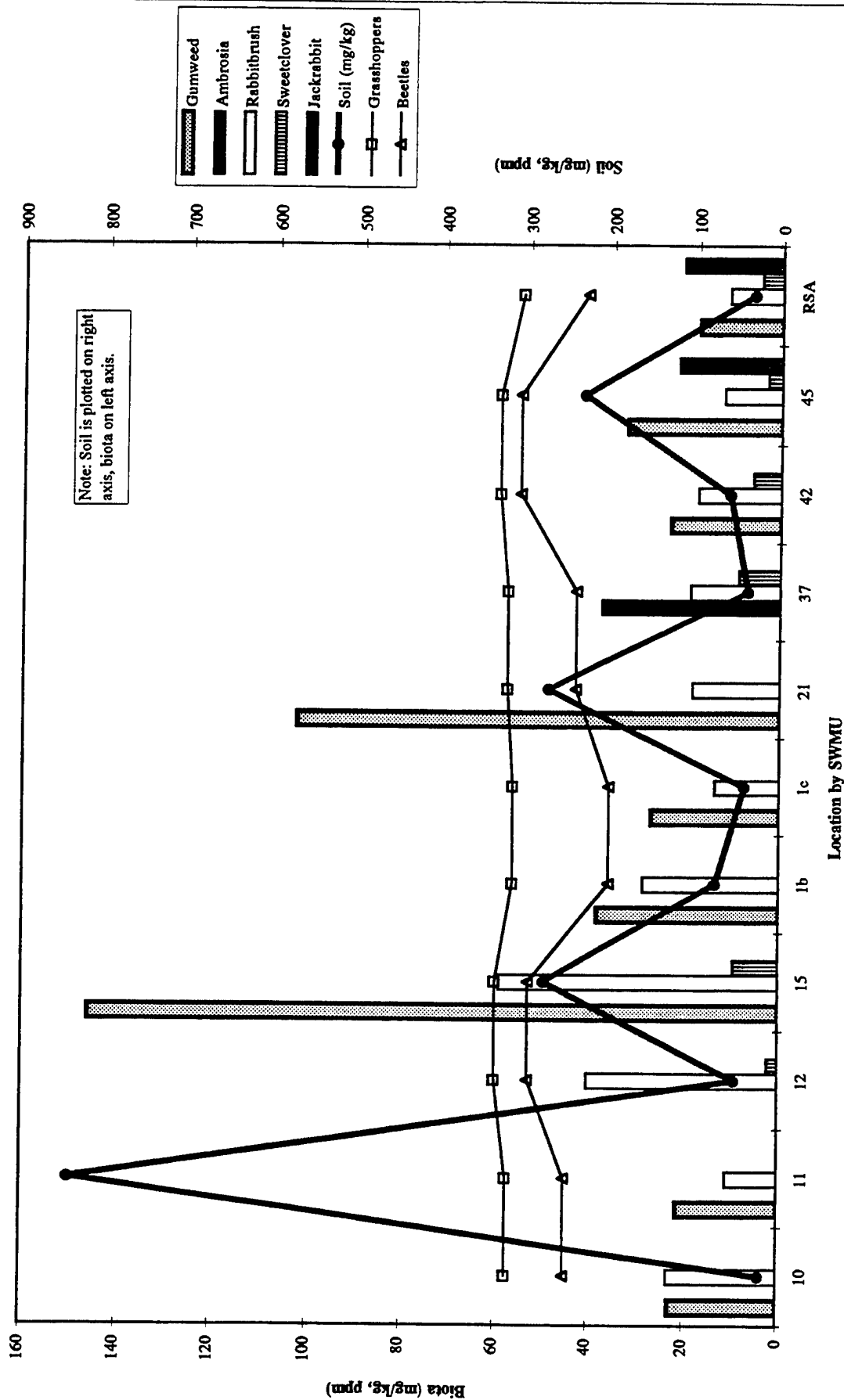


Mean Lead Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

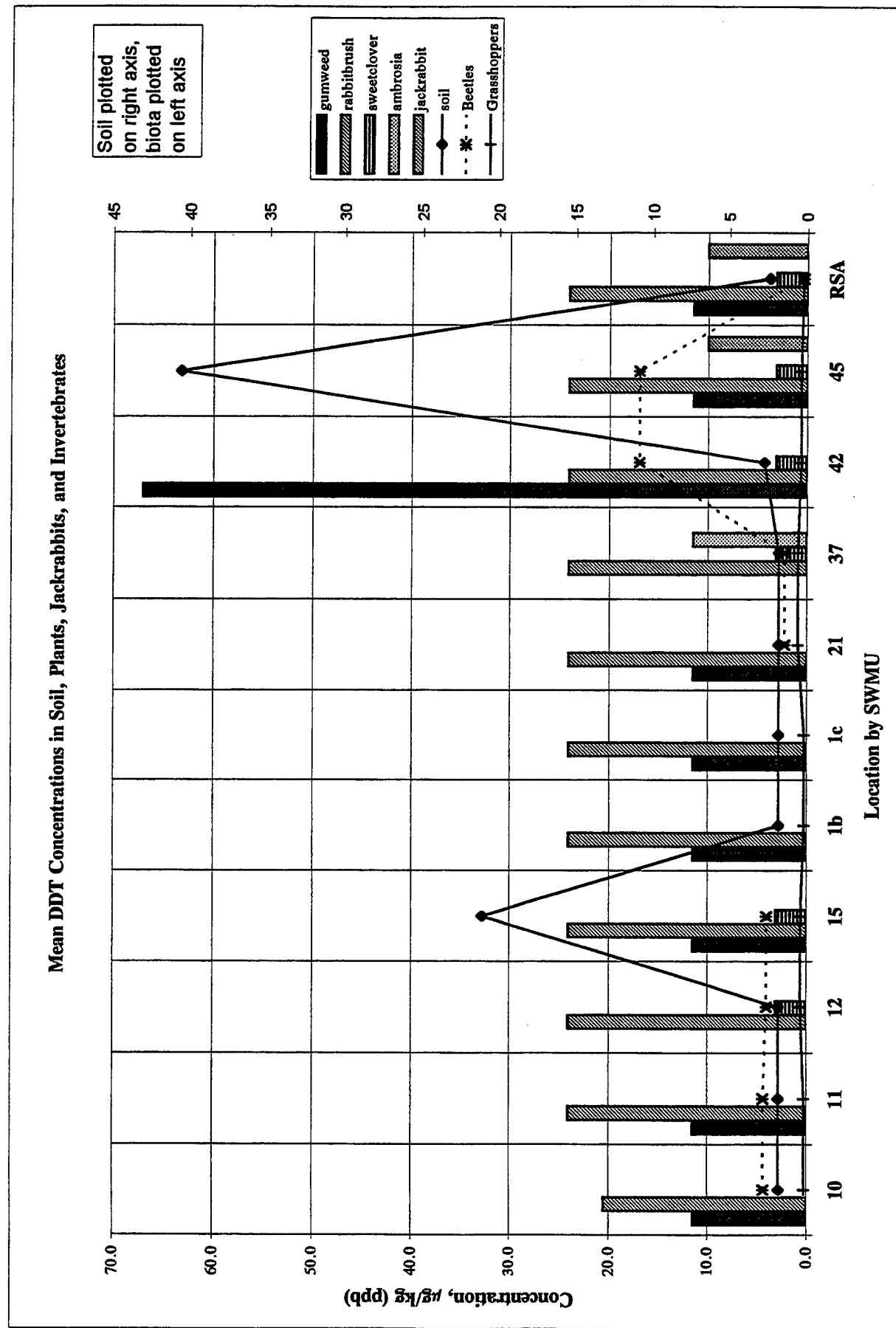


Mean Vanadium Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

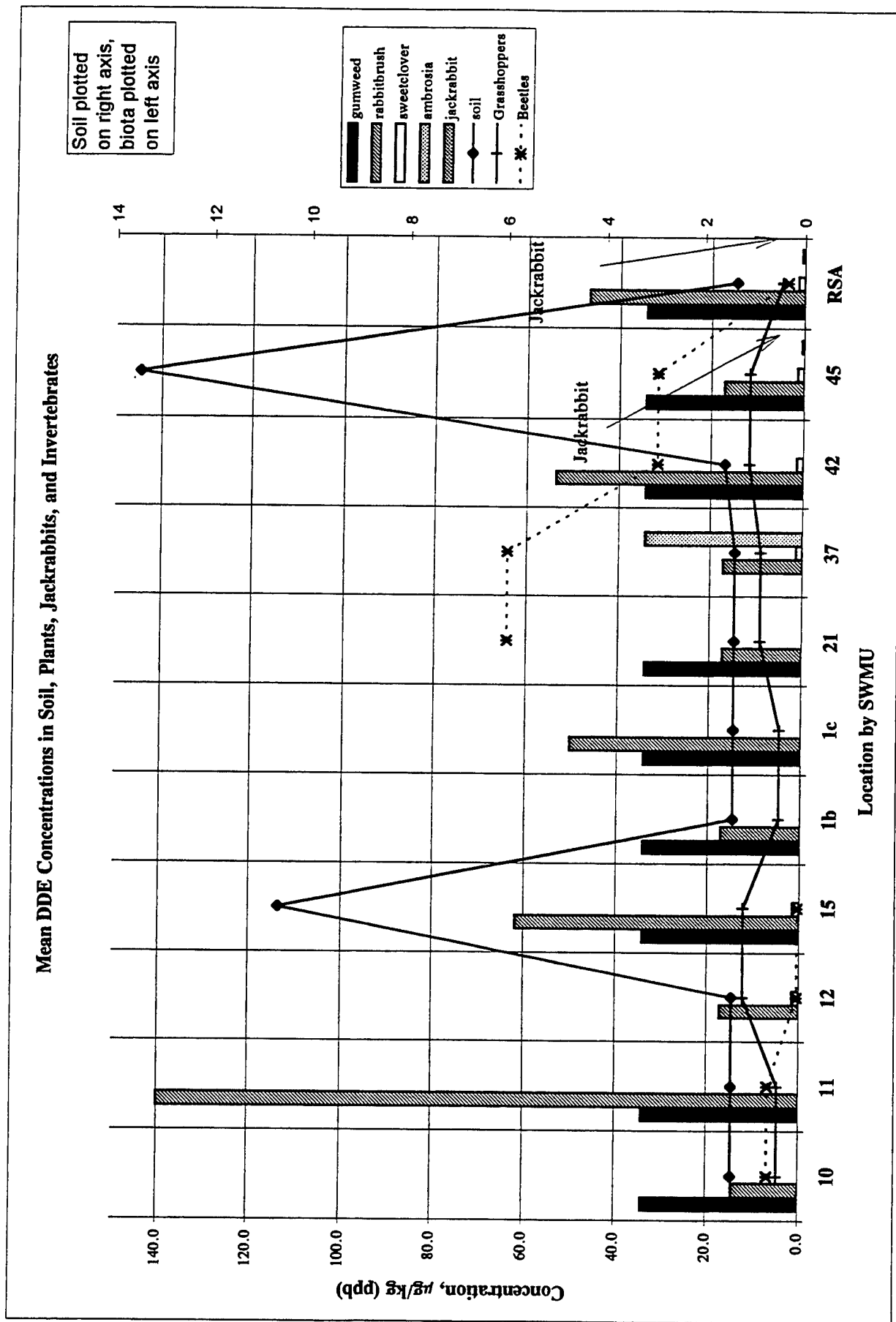
Mean Zinc Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



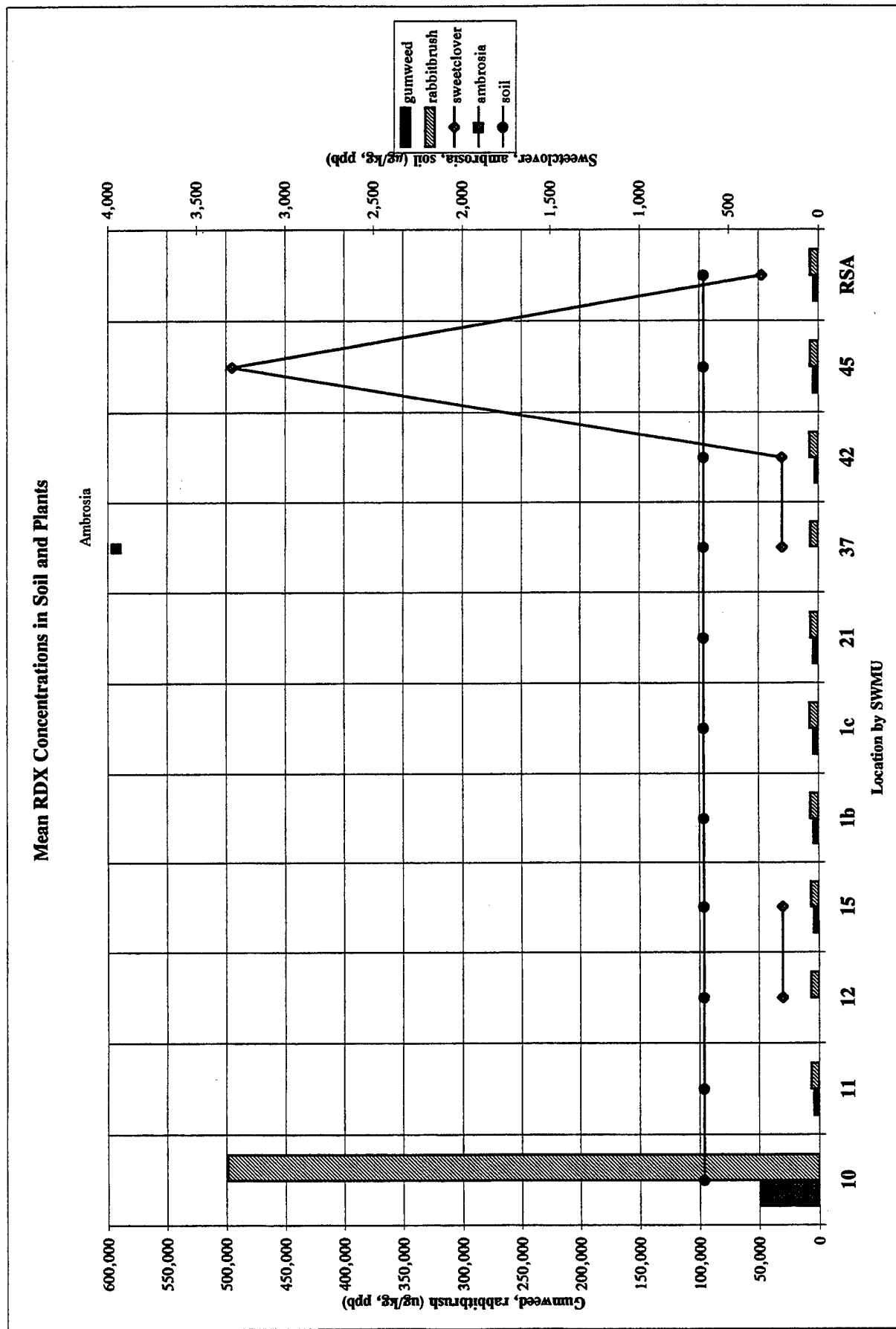
Mean Zinc Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



Mean DDT Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

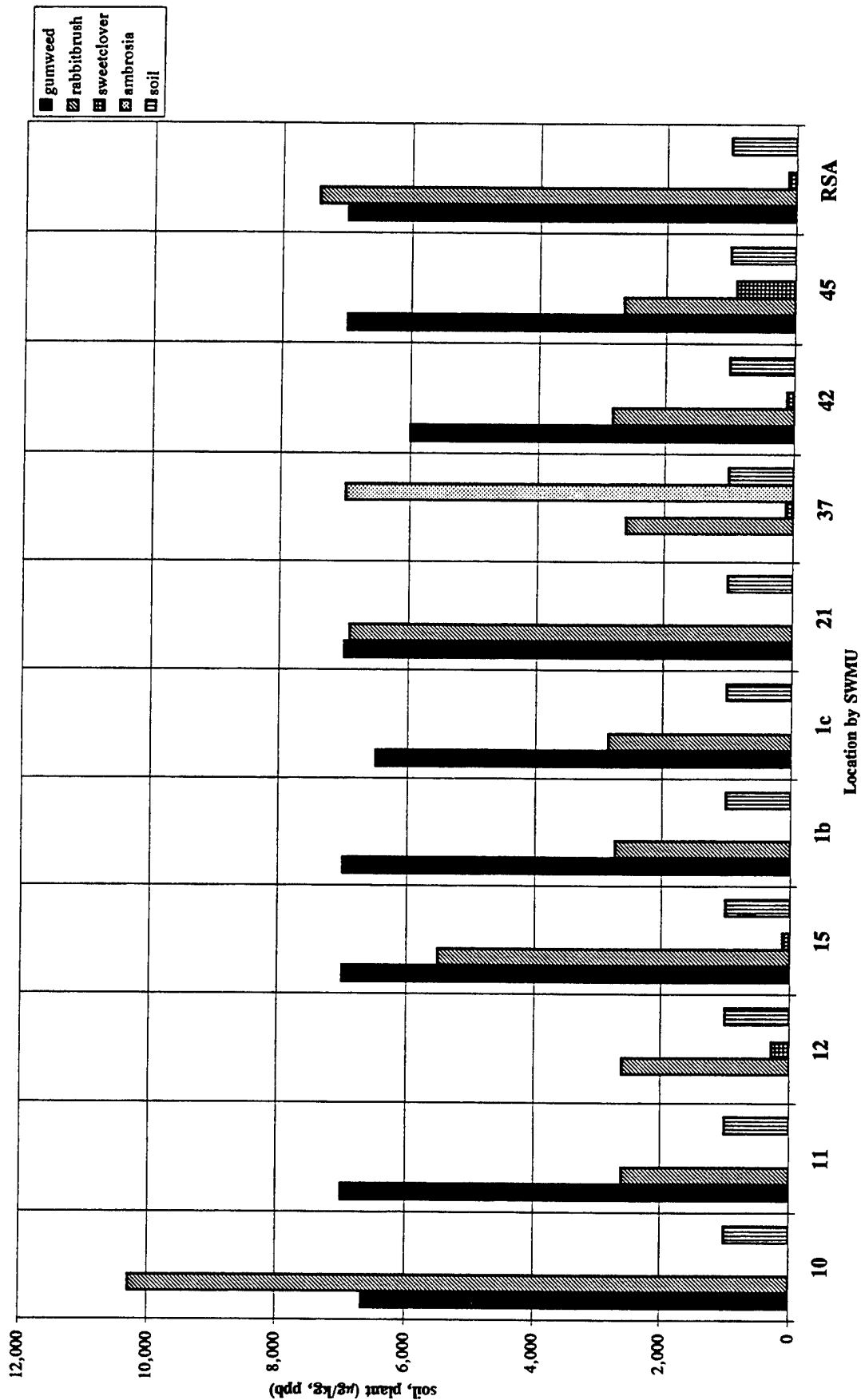


Mean DDE Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

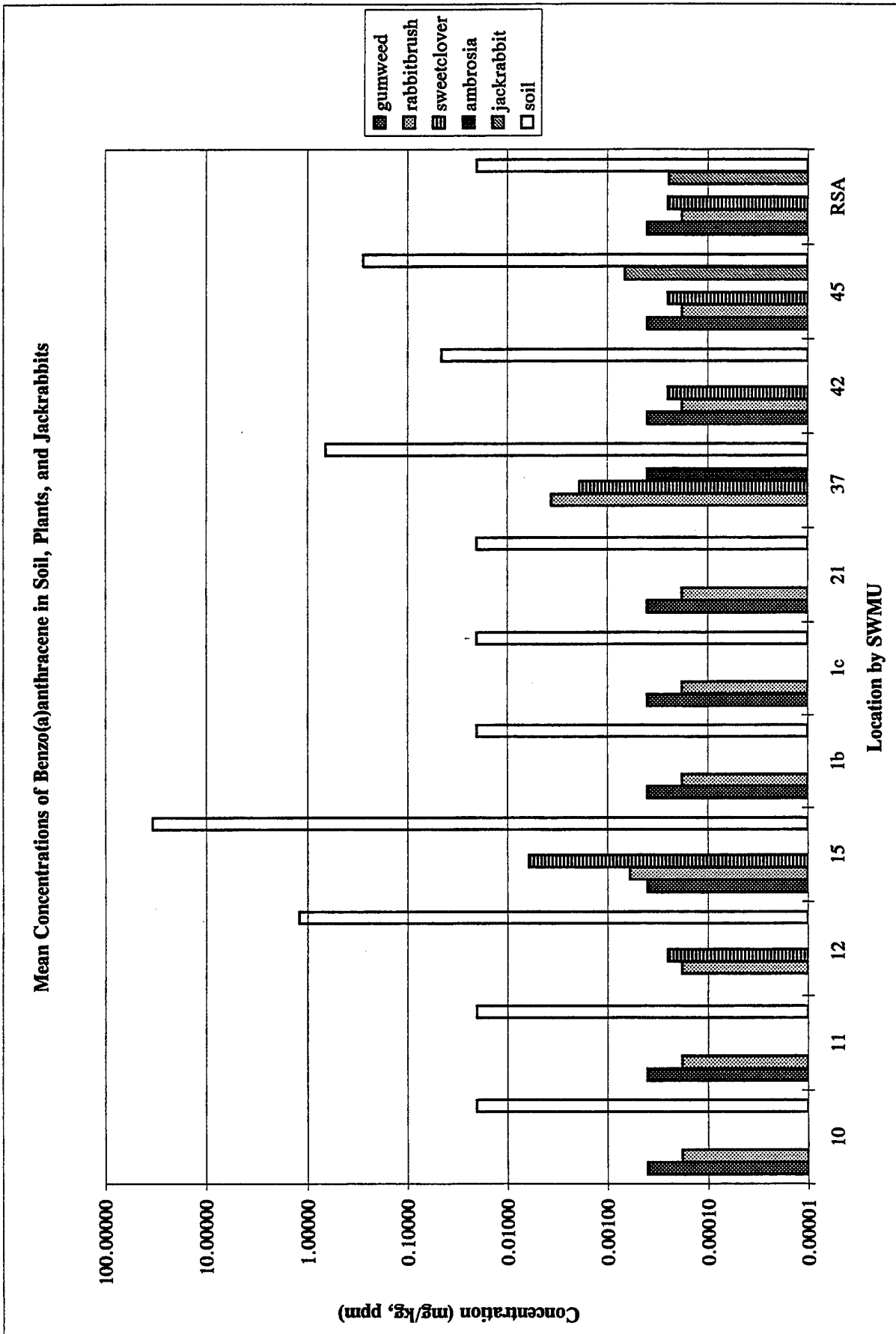


Mean RDX Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

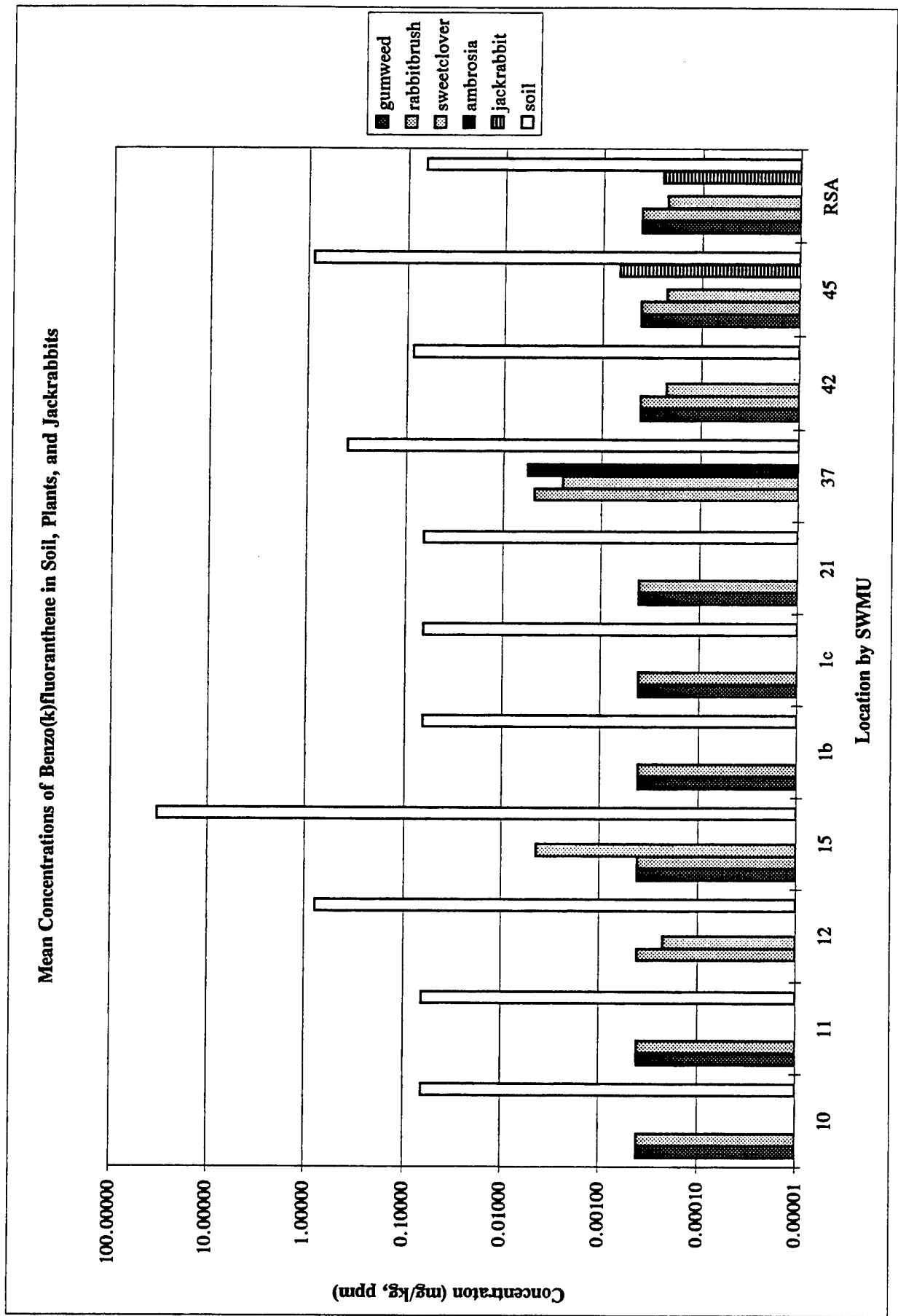
Mean 2,4,6-TNT Concentrations in Soil and Plants



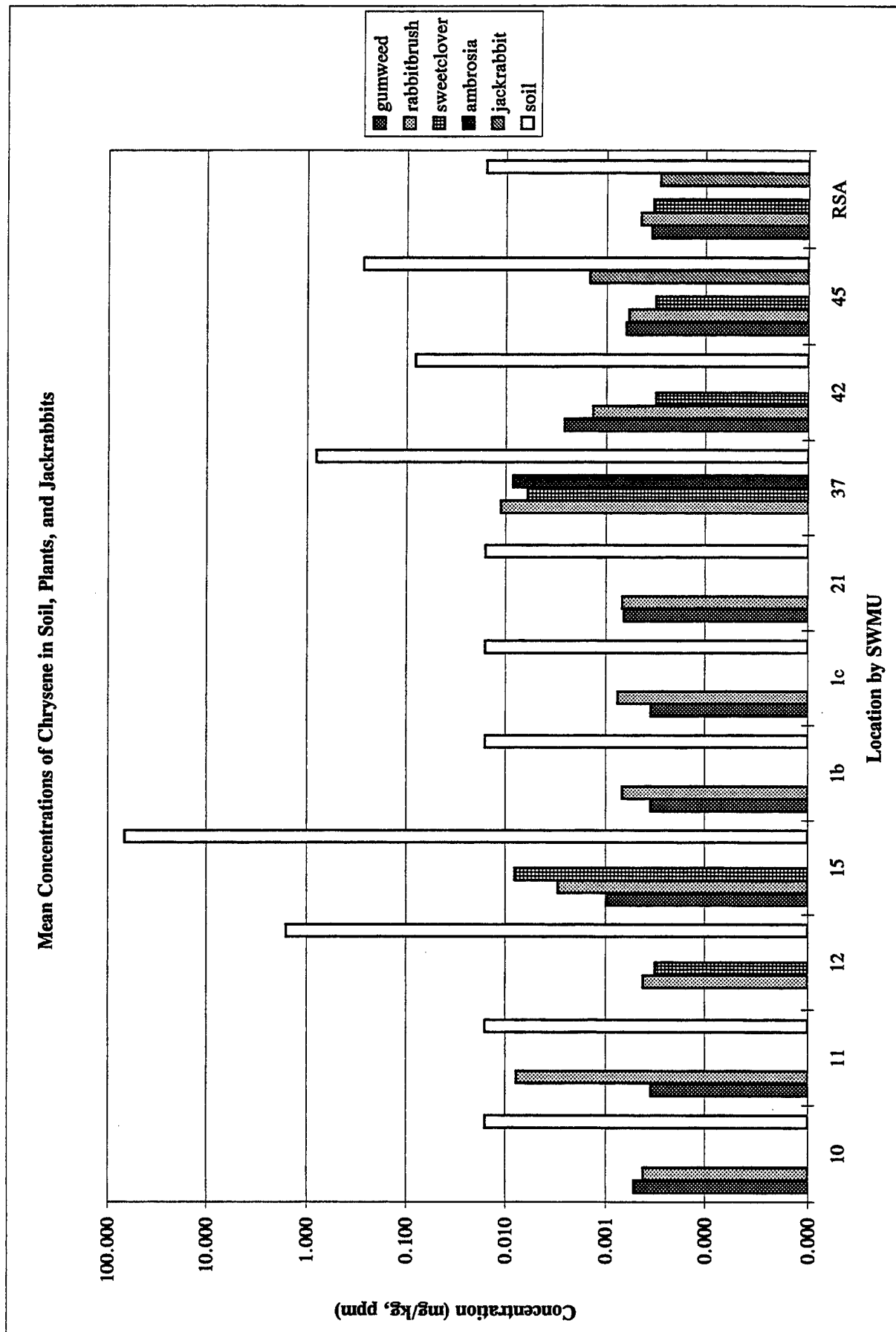
Mean 2,4,6-TNT Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



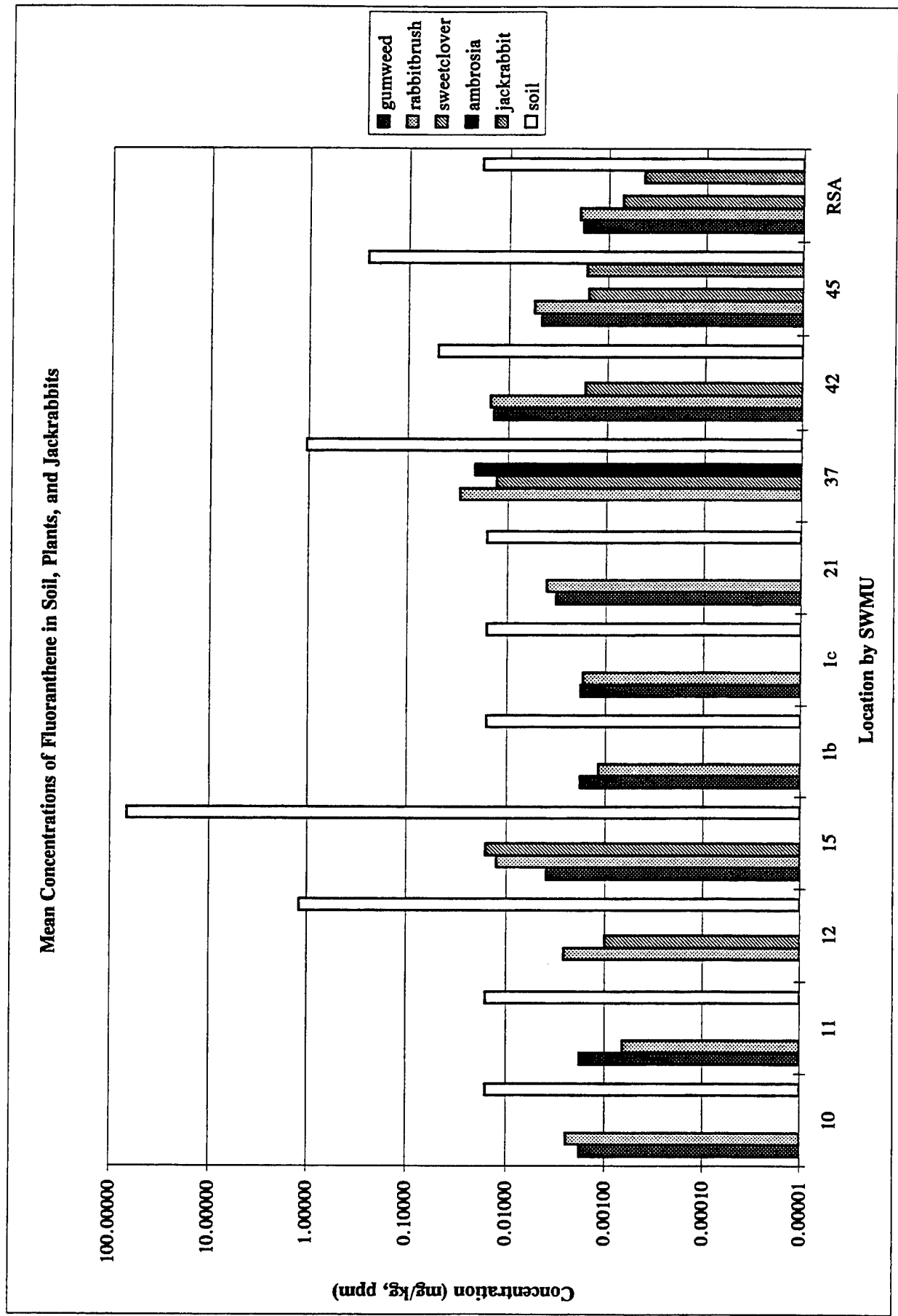
Mean Concentrations of Benzo(a)anthracene in Soil, Plants, Jackrabbits, and Invertebrates



Mean Concentrations of Benzo(k)fluoranthene in Soil, Plants, Jackrabbits

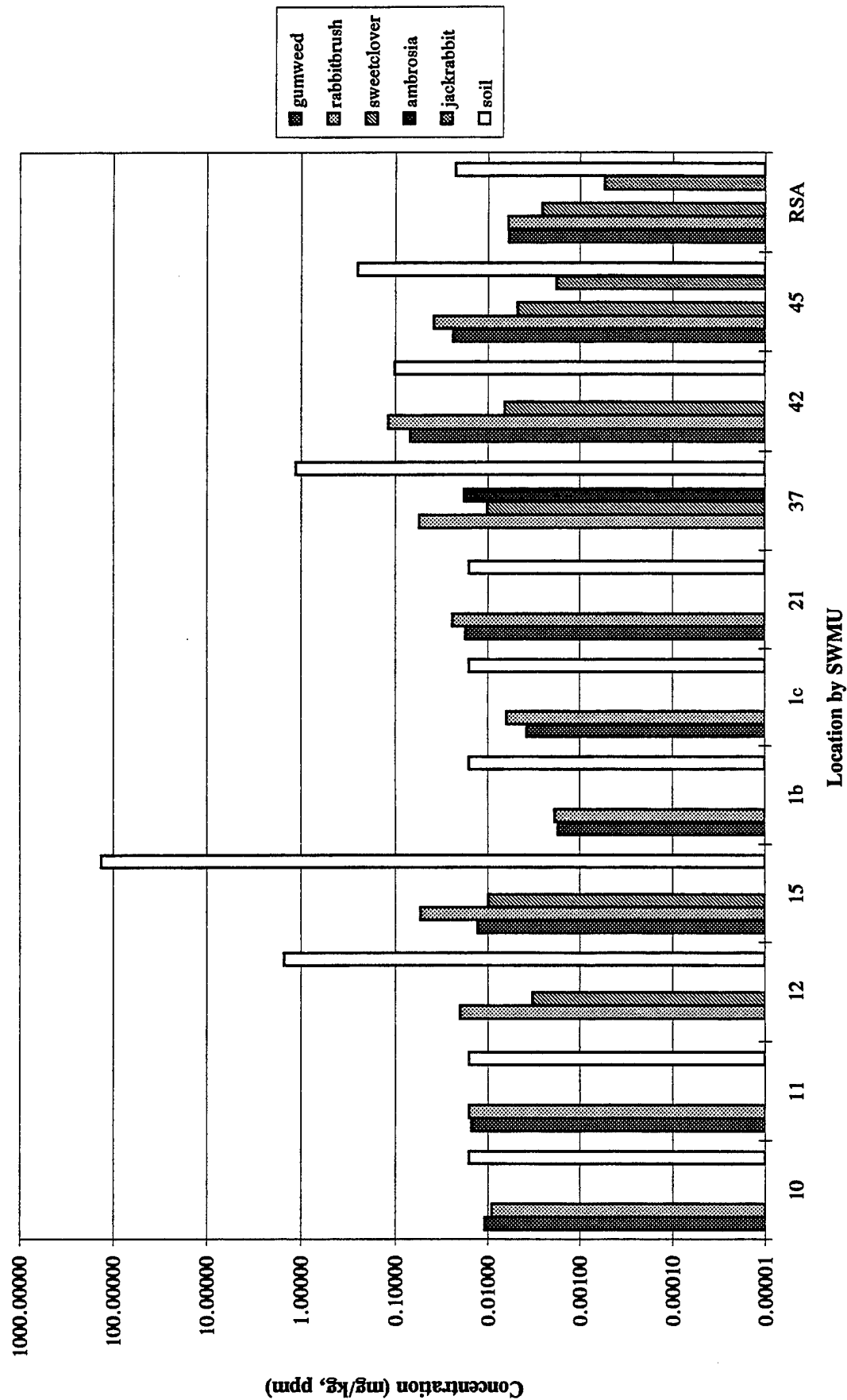


Mean Concentrations of Chrysene in Soil, Plants, Jackrabbits



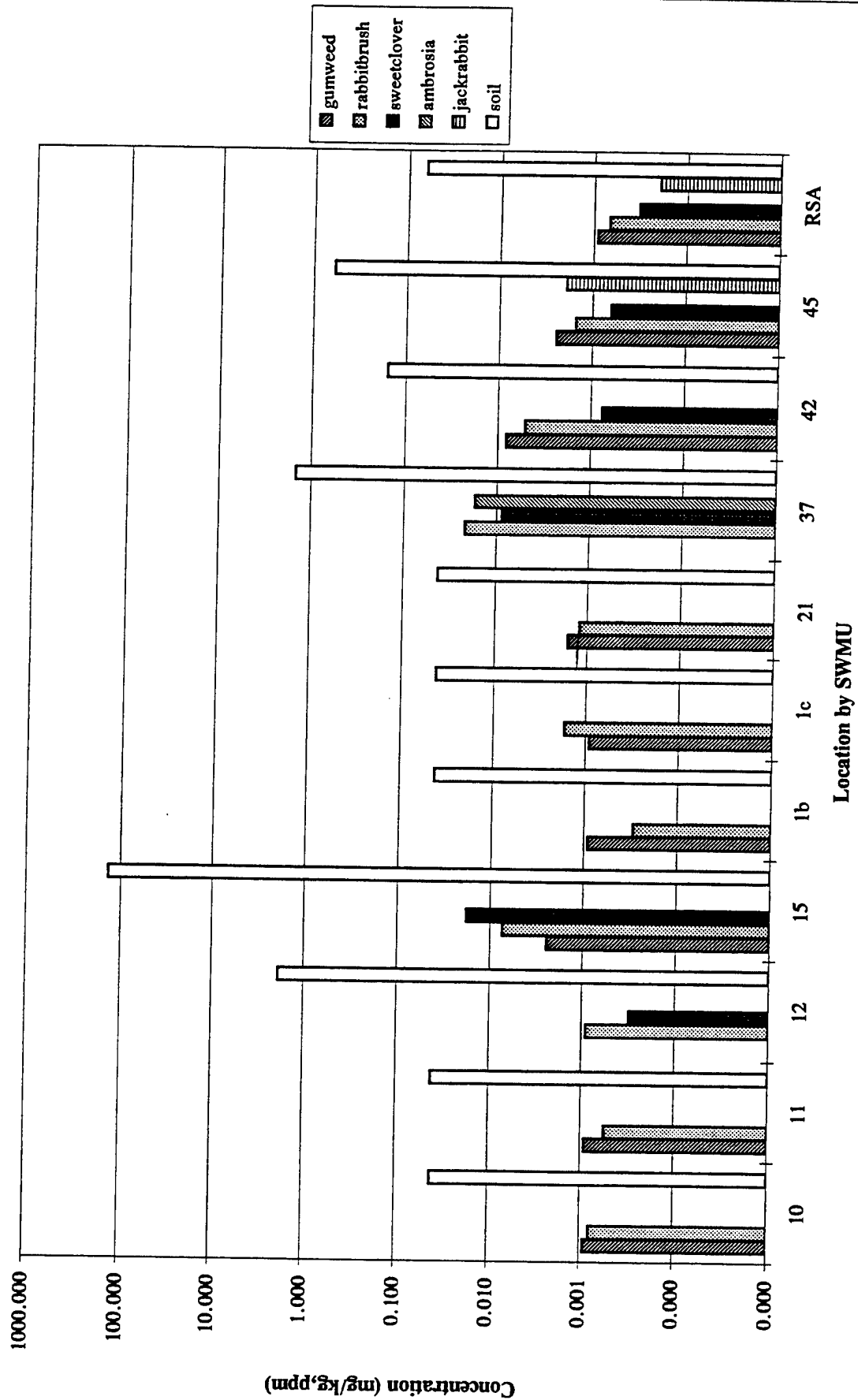
Mean Fluoranthene Concentrations in Soil, Plants, Jackrabbits

Mean Concentrations of Phenanthrene in Soil, Plants, and Jackrabbits



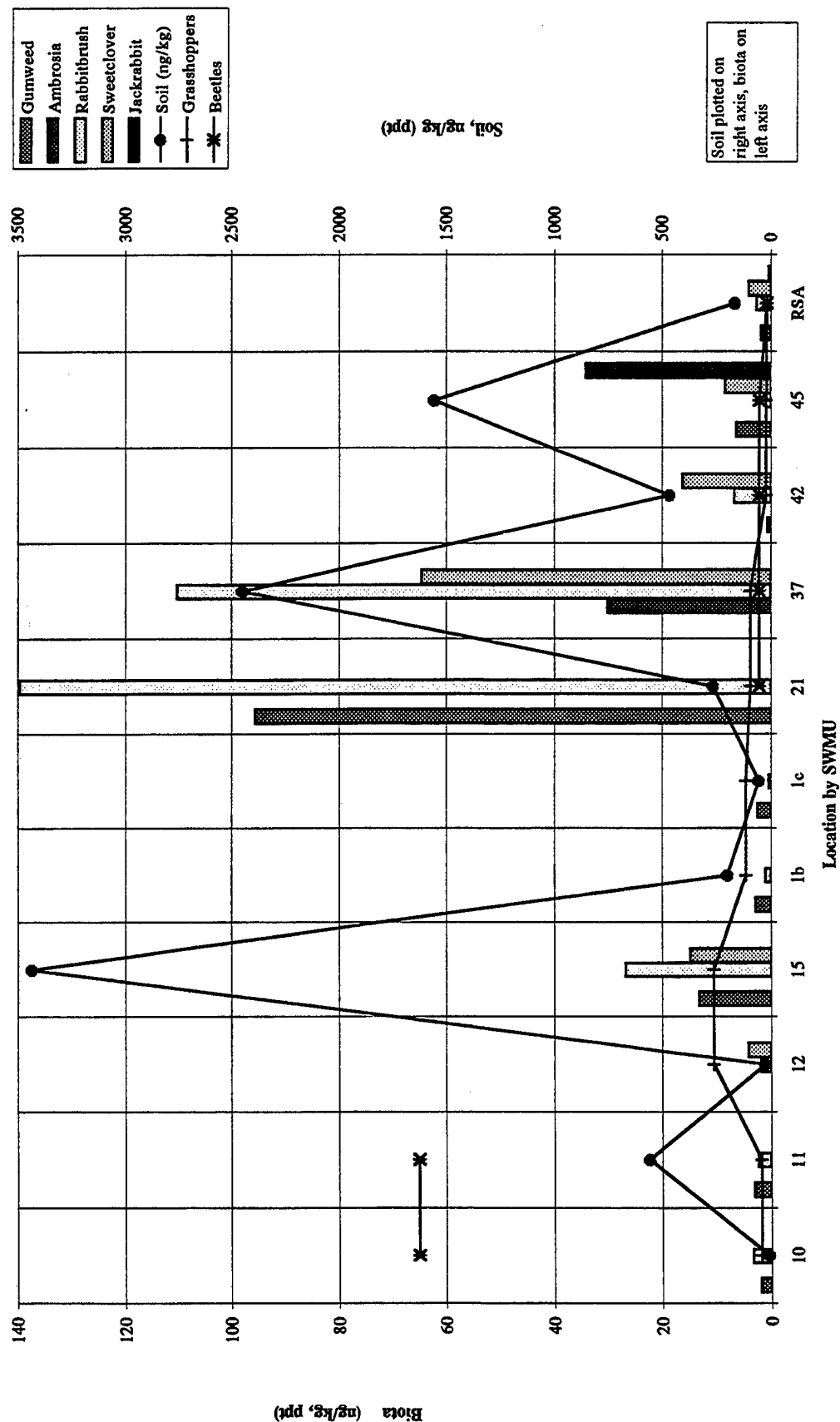
Mean Phenanthrene Concentrations in Soil, Plants, Jackrabbits

Mean Concentrations of Pyrene in Soil, Plants, and Jackrabbits

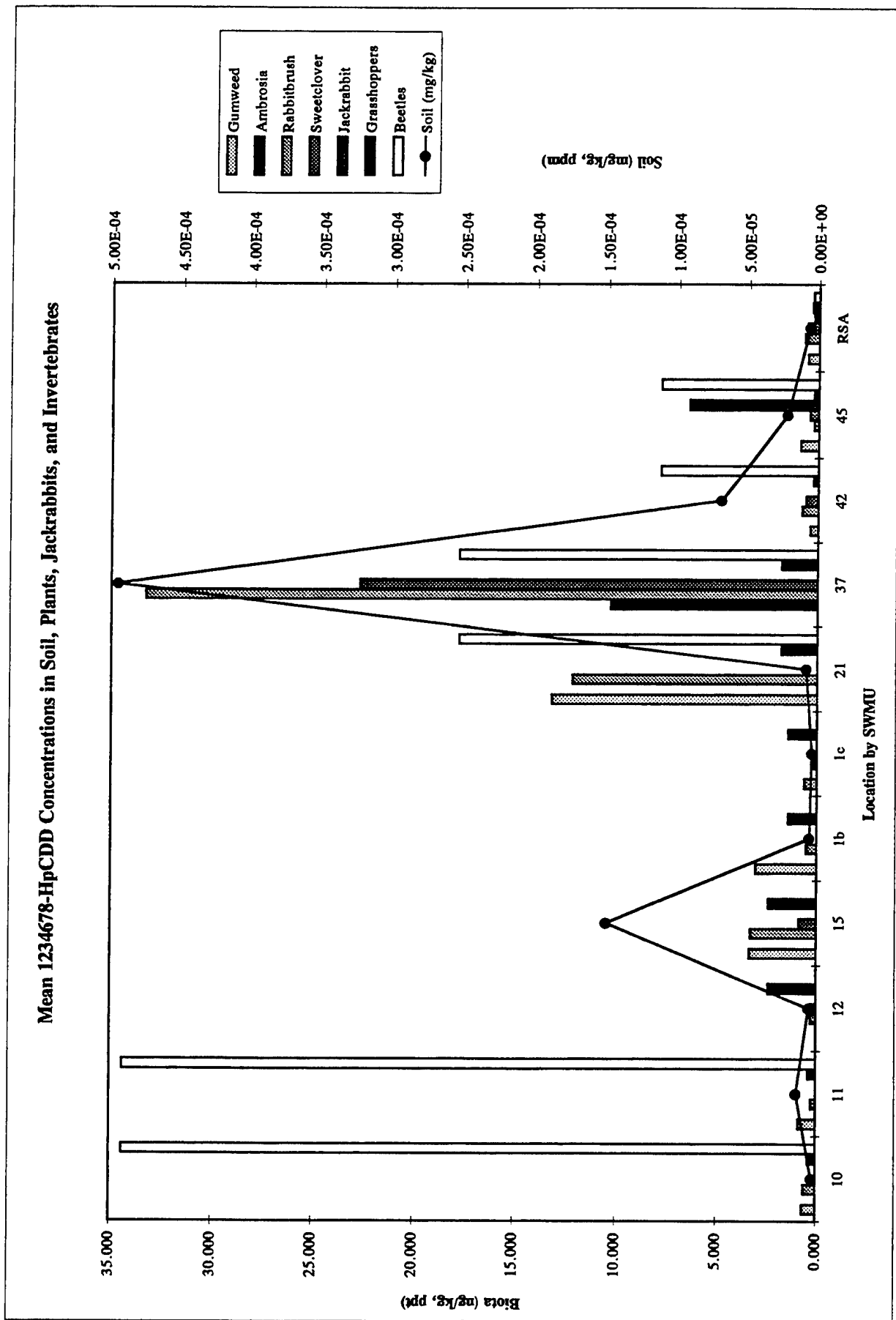


Mean Pyrene Concentrations in Soil, Plants, Jackrabbits

Mean OCDD Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

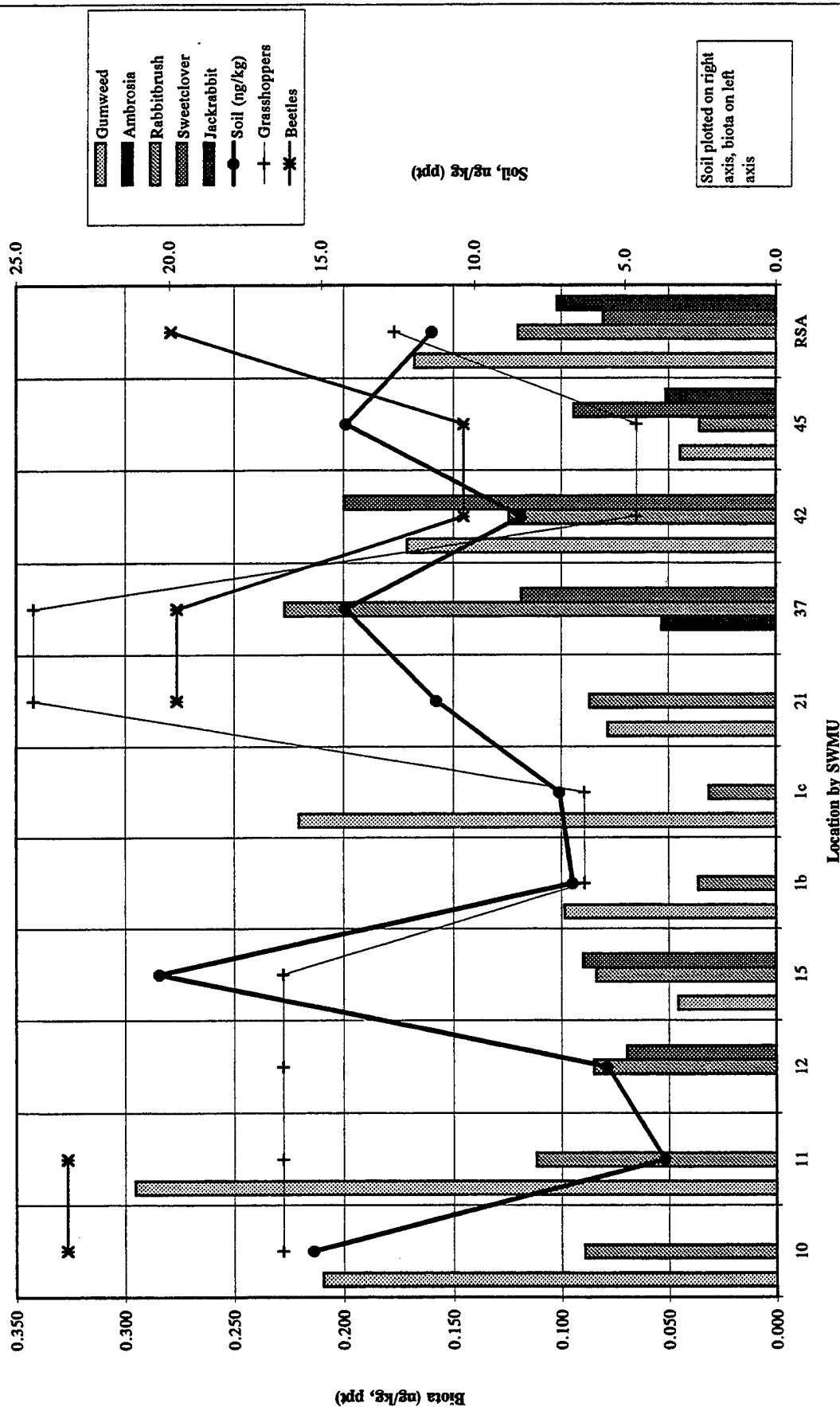


Mean OCDD Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

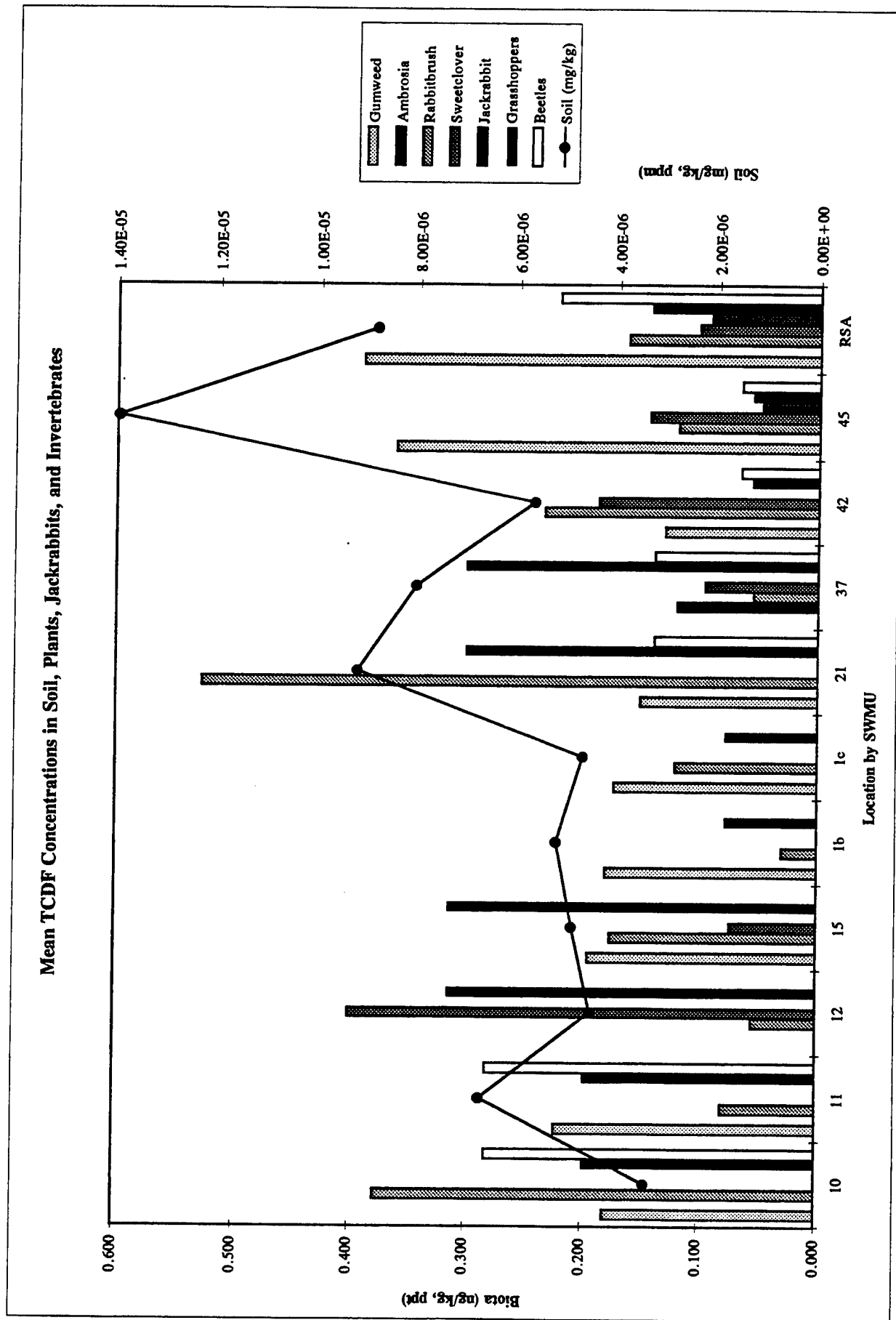


Mean 1234678-HpCDD Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

Mean TCDD Concentrations In Soil, Plants, Jackrabbits, and Invertebrates



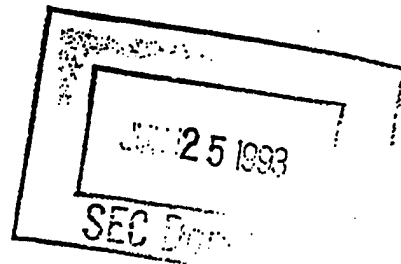
Mean TCDD Concentrations in Soil, Plants, Jackrabbits, and Invertebrates



Mean TCDF Concentrations in Soil, Plants, Jackrabbits, and Invertebrates

ENDANGERED PLANT STUDIES, INC.

129 North 1000 East
Orem, Utah 84057
(801) 225-7085



23 June 1993

Mr. Robert L. Heard
Project Leader
RUST Environment & Infrastructure
743 Horizon Court, Suite 240
Grand Junction, Colorado 81506
(303) 244-1368

Dear Mr. Heard:

This letter report contains the results of the survey conducted by S. L. Welsh, accompanied by R. L. Heard, on Tooele Army Depot (TOD), Tooele County, Utah, on 21 June 1993. It is understood that RUST personnel are conducting an in depth investigation of the environment at eight sites on the TOD reservation. A part of that investigation involves a search for rare plant species, those that might be included under stipulations of the Endangered Species Act of 1973, as amended (ACT).

The environment contained within TOD boundaries is strongly influenced by the recessional terraces of Lake Bonneville, with each of the minor terraces made up of particles of differing size, i.e., gravel, sand, silt, and clay. There has been little natural reworking of the lacustrine sediments by stream activity, but the impact of activities at TOD have greatly altered much of the natural system of substrate directly, and the vegetative cover both directly and indirectly. Much of the area has been dug through, graded, filled, burned, trashed, driven over, and littered with trash and equipment. The areas discussed in the immediately previous sentence are those outside the storage and facilities portions of the depot. One site is located within a parking area, where grading to prevent fire hazards is a standard procedure.

Much of the modified land has been reseeded with crested wheatgrass, now the most common vegetative component at TOD. Stripes of native vegetation do occur here and there between highly modified sites.

My involvement in the RUST survey was to make a determination if any of the plants included under the ACT were present in the project areas. Specifically, my tasks were as follows:

1. A field reconnaissance of each site to identify and give locations for any rare and/or endangered plants. The field reconnaissance to be conducted by walking or driving survey.
2. Any rare/endangered plants discovered during the survey was to be described and documented, and any activity that might impact sensitive species was to be noted.
3. A written statement as to the presence of absence of rare, endangered, or sensitive plant species was to be provided to RUST within ten days following completion of the survey.

Methodology used was as described in the task list. Each of the sites was visited by automobile, and the sites were surveyed by walking through the area on extended transects, specifically fit to each situation to make certain that all habitat types were thoroughly investigated.

There are no permanent waters within the project sites, and away from the project sites the permanent water consists of the sewage treatment ponds, stock watering tanks, and associated very small ponds.

A composite list of both plant and animal species was made for all of the sites. The plants noted are listed as follows:

Shrubs & Trees

Gutierrezia sarothrae
Tetradymia glabrata
Elaeagnus angustifolia
Ulmus pumila
Sarcobatus vermiculatus

Artemisia tridentata
Tamarix chinensis
Rhus aromatica
Opuntia polyacantha
Salix exigua

Chrysothamnus nauseosus
Juniperus osteosperma
Sambucus caerulea
Chrysothamnus viscidiflorus
Kochia americana

Grasses & other monocots

Poa secunda
Stipa comata
Elymus smithii
Aristida purpurea

Poa bulbosa
Elymus hispidus
Stipa hymenoides
Hordeum jubatum

Sporobolus cryptandrus
Bromus tectorum
Elymus elymoides
Agropyron cristatum

Zigadenus paniculatus
Typha angustifolia

Calochortus nuttallii

Allium acuminatum

Forbs

Mentzelia laevicaulis
Lupinus brevicaulis
Sisymbrium officinale
Ranunculus testiculatus
Erodium cicutarium
Oenothera pallida
Astragalus geyeri
Asclepias speciosa
Cryptantha humilis
Leptodactylon pungens
Atriplex patula

Cirsium neomexicanum
Tragopogon dubius
Grindelia squarrosa
Lactuca scariola
Salsola pestifer
Lygodesmia grandiflora
Astragalus utahensis
Verbena bracteosa
Erigeron engelmannii
Gilia leptomeria
Kochia scoparia

Leucelene ericoides
Sphaeralcea coccinea
Lepidium perfoliatum
Helianthus annuus
Convolvulus arvensis
Psoralea lanceolata
Astragalus cibarius
Argemone munita
Halogeton glomeratus
Cardaria draba

Animals and sign observed

Pronghorn Antelope
Cattle droppings throughout area

California Blacktail Jackrabbit

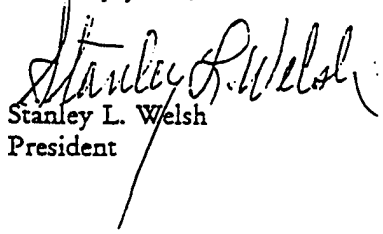
Redtail Hawk

The region outside the facilities areas are utilized by cattle each year. Cattle spend time resting and sleeping around the junipers along the south side of the TOD. Accumulations of manure indicate long and intensive use of some of the areas.

The results of the investigation were negative with regard to plant species protected under stipulations of the ACT. Thus, the project should not be impeded due to stipulations of the ACT.

With best regards, I am

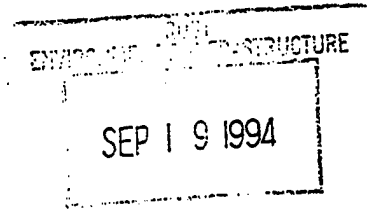
Sincerely yours,


Stanley L. Welsh
President

ENDANGERED PLANT STUDIES, INC.
129 North 1000 East
Orem, Utah 84057
(801) 225-7085

16 September 1994

R. Sanders
Division Manager
RUST Environment & Infrastructure
743 Horizon Court, Suite 240
Grand Junction, Colorado 81506
(303) 244-1368



Dear Mr. Sanders:


This letter report supplies information requested under your Purchase Order No. 52-94-1054, dated 15 August 1994, for Project No. 82470.180 at Tooele Army Depot.

I drove to the depot on 15 August 1994 and met with Joe Marino and several Rust employees working on ecological studies. Several sites were visited and species lists compiled. Those lists, appended to this letter, form the body of this report. The species are listed in order of occurrence, somewhat indicative of relative abundance. Those first on the list are often the most abundant, those farther down the list are relatively scarce.

The day was cool, only slightly windy, clear and sunny. Vegetation was examined following a long dry period, the 1994 summer season being reported as one of the driest on record. Thus, much of the material examined was dry and dead, with mainly long-lived perennials being in relatively good condition, some having evidently responded to some late summer rains.

If further information is required please contact me as soon as possible.

Sincerely yours,


Stanley L. Welsh
President

Fax Information: 2 pages sent: SLW-EPS Fax (801) 378-3733, Phone (810) 378-2289; 225-7085. To: RUST Fax (801) 833-2925, Phone 833-2924.

Plant Lists by Site, Tooele Army Depot
15 September 1994
Stanley L. Welsh, Ph.D
Plant Taxonomist

Site #1305—Bomb washout building area.

Gutierrezia sarothrae
Chrysothamnus nauseosus
Aristida purpurascens
Sporobolus cryptandrus
Grindelia squarrosa
Bromus tectorum
Poa fendleriana
Opuntia polyacantha
Stipa comata
Poa secunda
Artemisia tridentata
Helianthus annuus
Mirabilis linearis
Stipa hymenoides
Elymus spicatus
Heterotheca villosa
Sphaeralcea coccinea
Oenothera caespitosa
Chrysothamnus viscidiflorus
Juniperus osteosperma
Delphinium nuttallianum
Cryptantha humilis
Elymus smithii
Agropyron cristatum
Verbena bracteata
Ambrosia acanthicarpa
Erodium cicutarium
Euphorbia sp.
Leptodactylon pungens

Site # 42—Discharge pond

Poa secunda
Poa bulbosa
Chrysothamnus nauseosus
Agropyron cristatum
Grindelia squarrosa
Melilotus officinalis
Conium maculatum
Xanthium strumarium
Poa pratensis
Verbena bracteata
Fraxinus pennsylvanica
Typha domingensis
Echinochloa crus-galli
Elaeagnus angustifolia
Cynoglossum officinale
Amaranthus retroflexus
Helianthus annuus
Convolvulus arvensis
Ulmus pumila
Aster chilensis
Elymus repens
Salsola tragus
Kochia scoparia
Nepeta cataria
Mentzelia laevicaulis
Astragalus utahensis

Site #1215—Landfill

Helianthus annuus
Salsola tragus
Polygonum aviculare
Ambrosia acanthocarpa
Erodium cicutarium
Sisymbrium altissimum
Atriplex rosea
Ranunculus testiculatus
Lactuca scariola

Site # 10-11—Washout Pond-TNT

Stipa comata
Bromus tectorum
Pediomelum lanceolatum
Juniperus osteosperma
Chrysothamnus nauseosus
Salsola tragus
Opuntia polyacantha
Chrysothamnus viscidiflorus
Stipa hymenoides

Site # ? Remote Reference Area, north end
of Rush Valley, west of Rush Lake.

Sarcobatus vermiculatus
Artemisia tridentata
Bromus tectorum
Descurainia sophia
Sisymbrium altissimum
Poa bulbosa
Poa secunda
Lepidium perfoliatum
Elymus cinereus
Gutierrezia sarothrae
Opuntia polyacantha
Elymus smithii
Halogeton glomeratus
Kochia scoparia
Chrysothamnus nauseosus

Data Used to Develop Exposure Parameters for Passerine Birds

Species	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet	Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
Marsh Wren	10.61	0.96		0.0516		Minimum	8	0.670	0.064	0.006	9.300
	9.41	0.67		0.0642		Maximum	189	1.520	0.140	0.420	10.400
	9.44	0.99		0.0685		Mean	35	0.963	0.094	0.105	9.850
	10			0.169		SD	40	0.299	0.022	0.103	0.778
	10.9			0.126		95th percentile	84	1.388	0.133	0.242	10.345
	8.8			0.137							
	9.2			0.07							
	10.6			0.09							
	11.9			0.006							
				0.0156							
				0.0085							
				0.0083							
				0.0113							
Robin	77.3	1.52	0.14	0.21							
	55	0.75		0.11							
	80.8	0.89		0.21							
	77.2			0.42							
	79.5			0.12							
	74.6										
	78.4										
	82.3										
	86.2										
	83.6										
	77.4										
	80.6										
Bobwhite			0.1								
			0.13								
Turkey					9.3						
Woodcock					10.4						
Chicken			0.064								
			0.074								
			0.068								
			0.084								
			0.078								
			0.084								
			0.092								
			0.105								
			0.087								
			0.092								
			0.101								
			0.113								
Flycatchers	9										
	13.7										
	11.6										
	12.9										
	12.7										
	13.1										
	13.1										
	13.7										
	10.8										
	10.3										
	10.1										
	12.5										
	10.4										
	11.3										
	10										
	11.4										
	12.2										
	7.9										
	9										

Data Used to Develop Exposure Parameters for Passerine Birds (continued)

Species	Dietary					Summary Statistics	Dietary				
	Body Weight (g)	Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet		Body Weight (g)	Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
Corvids	189										
	166										
	458										
	438										
	1240										
	1158										

Notes.-Data sources for water ingestion rate (WIR) for birds = 1 measured robin, other measured chicken for 1-3 weeks of laying at avg. temp over a 24 hour period ranging from 40-70 degrees F. Two (2) measured bobwhite values. Chicken body weight for laying hens from Edens and Garlich, 1983. Used to convert to appropriate units from liter/day per 1000 birds.

Chicken data from Commercial Chicken Production Manual, 1984. M.O. North, AVI Publishing Co., Westport, CT, 3rd ed. p.270.

For birds, territory often provided in lieu of home range. This will be smaller and more conservative.

Occasionally, birds may leave territories to feed. Used both territory and home range values.

Soil percentage in diet from Beyer et al., 1994.

Marsh wren, robin body weights, USEPA 1993. Corvid, flycatcher body weights, CRC Handbook of Avian Body Mass.

Data Used to Develop Exposure Parameters for the Deer Mouse

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet	Species	Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
14	0.185	0.126	0.0075	<2	white footed mouse	Minimum	14	0.07	0.06	0.0075	2
14	0.218	0.146	0.0137	2.4	meadow vole	Maximum	32	0.45	0.34	0.94	2.4
14.8	0.114	0.192	0.0189			Mean	21	0.19	0.15	0.116	2.2
15	0.092	0.34	0.0246			SD	4	0.090	0.073	0.190	0.283
15	0.176	0.19	0.0252			95th percentile	29	0.37	0.25	0.424	2.38
15.2	0.133	0.16	0.0265								
15.7	0.12	0.10	0.0276								
16	0.161	0.08	0.0332								
16.1	0.146	0.08	0.039								
16.2	0.180	0.18	0.0421								
16.7	0.15	0.15	0.0446								
17	0.14	0.11	0.0514								
17	0.17	0.06	0.0515								
17	0.07		0.0534								
17.8	0.15		0.056								
18	0.34		0.0583								
18.9	0.19		0.0596								
18.9	0.45		0.061								
19	0.17		0.0611								
19	0.18		0.075								
19	0.38		0.094								
19.1	0.33		0.0998								
19.2	0.17		0.119								
19.5	0.21		0.123								
19.6	0.17		0.128								
20			0.24								
20			0.25								
20			0.54								
20.3			0.94								
20.4											
20.4											
20.8											
20.8											
21											
21											
21											
21.1											
21.9											
22											
22											
22.3											
23.2											
23.9											
24.2											
24.3											
24.4											
24.5											
24.6											
25											
25.2											
28.1											
29											
29											
29											
31.5											

Notes.-Used all data for home range (USEPA 1993). All data for body weight, juv-adult. All DIR and WIR data in USEPA, 1993. Used mean body weight (BW) from Column A (BW) to get to intake rates (g/g bw/d) in Column B (Dietary Ingestion Rate (DIR)) or C (Water Ingestion Rate (WIR)) from measured value reported in g/d or cc/d as cited in USEPA, 1993. 1cc=1ml=1g

Data Used to Develop Exposure Parameters for the Mule Deer

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d) ^(a)	Water Ingestion Rate (L/kg bw/d) ^(b)	Home Range (acres) *	Soil % in Diet	Species	Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (acres)*	Soil % in Diet
70000	0.036	0.07	400	2	white tail	Minimum	25600	0.021	0.01	400	2
200000	0.021	0.06		2	mule	Maximum	200000	0.036	0.02	400	2
25600		0.041		2	elk	Mean	80700	0.028	0.02	400	2
27200				2	moose	SD	82149	0.011	0.016	0	0
						95th percentile	180500	0.035	0.02	400	2

Note-Used data for deer on live-oak/alfalfa, sagebrush (Chew, 1965) and used body weight (BW) range from Fitzgerald et al., 1994 as representing widest range for BW.

Used BW for deer on sagebrush (25600) to obtain water intake rate from measured data of 1.04 L/d.

Other water ingestion rates (WIR) from USEPA, 1993 allometric equations; dietary ingestion rate (DIR) from allometric equations (USEPA 1993).

DIR from allometric equations (USEPA 1993)

Soil in diet from Beyer et al., 1994.

^(a)DIR (g/g bw/d)=0.577WT^{0.727} (g) eq. for herbivores

^(b)WIR (L/kg/d) = 0.099WT^{0.9} (kg) divide by bw in kg to normalize.

Source: USEPA, 1993; Chew, 1965; Fitzgerald et al., 1994

*Only value obtained through personal communications with J. Merino

Data Used to Develop Exposure Parameters for Raptors

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Species	Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d) ^(a)	Home Range (ha)
4123	0.092	0.0373	3494	Bald & Golden Eagle	Bald Eagle				
5244	0.075	0.0341	1830		Minimum	4014	0.065	0.01	1830
4300	0.065		1880		Maximum	5244	0.140	0.01	3494
5089	0.120				Mean	4630	0.100	0.01	2401
4014	0.1				SD	485	0.025	0.002	946.6
4500	0.091				95th percentile	5219	0.133	0.01	3333
4600	0.12				Golden Eagle				
5172	0.14				Minimum				
					Maximum				
					Mean				
1224	0.11	0.055	160	Red-tailed hawk	SD				
1028	0.1	0.059	697		95th percentile				
1154	0.086		1770		American Kestrel				
957					Minimum	103	0.29	0.11	13.1
1235					Maximum	138	0.29	0.12	202
1204					Mean	119	0.29	0.12	106.3
1149					SD	11	NA	0.007	81.1
962					95th percentile	135	0.29	0.12	192.4
115	0.29	0.11	31.6	American kestrel					
132		0.12	13.1						
103			154						
114			202						
124			131						
127									
138									
108									
111									
119									

Note.-No soil ingestion values; use red fox since similar feeding guilds.

^(a)WIR (L/d) = [(0.059 WT^{0.677})/kg; water ingestion rate (WIR) for all birds, USEPA, 1993 eq 3-15, 3-16; use min/max body weight in allometric eq.

Source: USEPA, 1993; Johnsgard, 1990

Data Used to Develop Exposure Parameters for the Kit Fox

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d) ^(a)	Home Range (ha) ^(b)	Soil % in Diet	Summary Statistics	Body Weight (g)	Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (ha)	Soil % in Diet
2100	0.16	0.10	512	2.8	Minimum	1400	0.07	0.03	72.5	2.8
2100	0.12	0.09	717		Maximum	2100	0.16	0.03	1990.0	2.8
1500	0.110		96		Mean	1775	0.11	0.03	856.7	2.8
1400	0.075		78		SD	377	0.04	0.003	690.2	NA
	0.14		167		95th percentile	2100	0.16	0.03	1976.2	2.8
	0.069		1611							
			1967							
			1137							
			1990							
			699							
			1190							
			72.5							
			900							

Notes.-Dietary Ingestion Rate (DIR) and home range (HR) based on data for red fox (USEPA 1993); body weight (BW) based on data for kit.

Divide water ingestion rate (WIR) by 3 since KF don't utilize free water (O'Neal et al. 1987).

Body weights and ecological (natural history) data from O'Neal et al. 1987; Egoscue, 1956; Fitzgerald et al., 1994

^aWIR (L/kg/d) = 0.099WT^{0.9} (kg) divide by bw in kg to normalize.

^bHR for farmland, mixed, marsh, forest, prairie, shrubs, and savannah. Did not use ones where habitat not stated since many studies cited in USEPA, 1993.

Data Used to Develop Exposure Parameters for the Jackrabbit

Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (acres)*	Soil % in Diet	Species	Summary Statistics	Body Weight (g)	Dietary Ingestion Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)	Home Range (acres)	Soil % in Diet
1134	0.1	0.097	103	2	white tail	Minimum	1132	0.001	0.097	103	2.000
1244	0.001			2	mule	Maximum	3200	0.1	0.097	103	2.000
1176	0.006896552			2	elk	Mean	1391	0.04	0.097	103	2.000
1286	0.001333333			2	moose	SD	573	0.05	NA	0	0.00
1197	0.06372					95th percentile	2162	0.10	0.097	103	2.000
1255	0.085										
1229											
1313											
1132											
1231											
1300											
3200											

Notes.-74 jackrabbits eat as much as 1 cow (=0.05/74)=0.001 (Fitzgerald et al., 1994).

Jackrabbit eats 0.54 lb/day/unit of body weight (BW), with a midpoint range BW from same source (Fitzgerald et al., 1994) = 0.1 kg/kg/d.

5.8 to 30 jackrabbits eat as much as 1 sheep (=0.04/5.8 or 30) = 0.006897 and 0.001333 kg/kg bw/d (Fitzgerald et al., 1994).

Also used allometric equation for herbivores from USEPA 1993 to estimate dietary ingestion rate (DIR).

Water ingestion rate (WIR) is measured.

DIR (g/g bw/d)=0.577WT^{0.727} (g) eq. for herbivores

*Only value obtained through personal communication with J.Merino

Data Used to Develop Exposure Parameters for Water Birds (USEPA, 1993)

Body Weight (g)	Dietary Ingestion		Home Range (ha)	Soil Ingestion		Species	Summary Statistics	Dietary Ingestion		Home Range (ha)	Soil Ingestion	
	Rate (kg/kg bw/d)	Water Ingestion Rate (L/kg bw/d)		Rate (kg/kg bw/d)				Body Weight (g)	Rate (kg/kg bw/d)		Rate (L/kg bw/d)	Rate (kg/kg bw/d)
47.1	0.12	0.16	0.25			Spotted sandpiper	Mallard Duck					
37.9	0.11	0.17					Minimum	92	0.02	111.000	0.055	2.0
40	0.17						Maximum	1237	0.13	620.000	0.058	11.0
50	0.16						Mean	642	0.07	434.750	0.057	9.6
				17		Stilt sandpiper	SD	436	0.04	224.585	0.002	2.0
				30		Semipalmated sandpiper	95th percentile	1230	0.13	608.000	0.058	10.9
				7.3		Least sandpiper	Spotted Sandpiper					
				18		Western sandpiper	Minimum	38	0.11	0.250	0.160	7.3
							Maximum	50	0.17	0.250	0.170	30.0
							Mean	44	0.14	0.250	0.165	18.1
1225	0.13	0.058	468	<2		Mallard	SD	6	0.03	NA	0.007	9.3
1043	0.05	0.055	111			Mallard	95th percentile	50	0.17	0.250	0.170	28.2
1237	0.13		540			Mallard						
1088	0.06		620			Mallard	DIR (g/gbw/d)=[0.301 WT ^{0.751}]/BW (g)			nonpasserine	USEPA, 1993	
265	0.10					Mallard	DIR (g/gbw/d)=[0.495 WT ^{0.704}]/BW (g)			seabirds	USEPA, 1993	
401	0.05					Mallard	DIR (g/gbw/d)=[0.648 WT ^{0.651}]/BW (g)			all birds	USEPA, 1993	
740						Mallard	use min/max body weight in allometric eq.					
215						Mallard	Sources:					
460						Mallard	USEPA, 1993. Wildlife Exposure Factors Handbook.					
817						Mallard	Beyer et al., 1994. Soil Ingestion by Wildlife. J. Wildl. Man. 58:375-382					
115						Mallard						
92						Mallard						
	0.02					Lesser scaup	Scaup on a dry weight basis; assume food is 70% water, 30% dry for conversion					
	0.05					Lesser scaup						
						Mallard (adult)						
						Mallard (adult)						
				<2		Ring-necked duck						
				<2		Blue-winged teal						
				11		Wood duck						
				8.2		Canada goose						

Comparison of Hazard Indices (HIs) With and Without Area Use Factors (AUFs)

SWMU/ RSA	Size- Acres	Passerine				American Kestrel				Great Horned Owl				Golden Eagle			
		hr ^(a)	auf ^(b)	HI	HI w/o	hr	auf	HI	HI w/o	hr	auf	HI	HI w/o	hr	auf	HI	HI w/o
ESA-1	82	0.60	1.00E+00	202	202	475	1.73E-01	2	11	8235	1.00E-02	0	0	8235	1.00E-02	0	0
ESA-2	182.65		1.00E+00	274	274		3.84E-01	14	36		2.22E-02	1	45		2.22E-02	1	45
RSA	6400		1.00E+00	125	125		1.00E+00	13	13		7.77E-01	4	5		7.77E-01	8	10

^(a)hr = home range - represents 95th percentile value except for mule deer and jackrabbit.

^(b)auf = area use factor.

Comparison of Hazard Indices (HIs) With and Without Area Use Factors (AUFs)

SWMU/ RSA	Size- Acres	Bald Eagle				Deer Mouse				Mule Deer				Jackrabbit				Kit Fox			
		hr	auf	HI	HI w/o	hr	auf	HI	HI w/o	hr	auf	HI	HI w/o	hr	auf	HI	HI w/o	hr	auf	HI	HI w/o
ESA-1	82	8235	1.00E-02	0	0	1.05	1.00E+00	90	90	400	2.05E-01	3	15	103	7.96E-01	36	45	4883	1.68E-02	2	119
ESA-2	182.65		2.22E-02	1	45		1.00E+00	310	310		4.57E-01	32	70		1.00E+00	196	196		3.74E-02	19	508
RSA	6400		7.77E-01	8	10		1.00E+00	90	90		1.00E+00	13	13		1.00E+00	35	35		1.00E+00	95	95

^(a)hr = home range - represents 95th percentile value except for mule deer and jackrabbit.

^(b)auf = area use factor.

MONTE CARLO ANALYSIS

Data for Monte Carlo Analysis Describing the Uncertainty Due to Dietary Preferences in Passerine Birds

Body Weight (g)	Species	Dietary Ingestion Rate (kg/kg bw/d)	Soll Fraction in Diet	Analyte	Soll	Plants	Invertebrates	Jackrabbits	Location
7.17		0.11	0.131	Cadmium	2.36	0.31	0.33	0.07	SWMT 42/45
				Lead	437.49	2.91	0.90	31.87	SWMT 42/45
				DDE	0.0079	1.23E-02	9.06E-03	4.01E-04	SWMT 42/45
				RDX	0.6696	0.07	0.007	3.87E-08	SWMT 42/45
				OCDD	0.0057	4.73E-05	1.9E-07	4.20E-05	SWMT 42/45
10.61	Marsh wren	0.28	30.4	This file was created for TEAD SWERA 7/22/87				All units were converted to mg/kg	
9.41	Marsh wren	0.28	9.3	Woodcock					
9.44	Marsh wren	0.28		Turkey					
10	Marsh wren	0.28							
10.9	Marsh wren	0.28							
8.8	Marsh wren	0.29							
9.2	Marsh wren	0.29							
10.6	Marsh wren	0.28							
11.9	Marsh wren	0.27							
77.3	Robin	0.21							
55	Robin	0.22							
80.8	Robin	0.21							
77.2	Robin	0.21							
79.5	Robin	0.21							
74.6	Robin	0.21							
78.4	Robin	0.21							
82.3	Robin	0.21							
86.2	Robin	0.20							
83.6	Robin	0.20							
77.4	Robin	0.21							
80.6	Robin	0.21							
9	Empidonax sp.	0.29							
13.7	Empidonax sp.	0.27							
11.6	Empidonax sp.	0.28							
12.9	Empidonax sp.	0.27							
12.7	Empidonax sp.	0.27							
13.1	Empidonax sp.	0.27							
13.1	Empidonax sp.	0.27							
13.7	Empidonax sp.	0.27							
10.8	Empidonax sp.	0.28							
10.3	Empidonax sp.	0.28							
10.1	Empidonax sp.	0.28							
12.5	Empidonax sp.	0.27							
10.4	Empidonax sp.	0.28							
11.3	Empidonax sp.	0.28							
10	Empidonax sp.	0.28							
11.4	Empidonax sp.	0.28							
12.2	Empidonax sp.	0.27							
7.9	Empidonax sp.	0.29							
9	Empidonax sp.	0.29							
189	magpie	0.18							
146	magpie	0.18							
438	crow	0.16							
438	crow	0.16							
1240	raven	0.14							
1158	raven	0.14							
36.5	Tyrannus sp.	0.23							
38.6	Tyrannus sp.	0.23							
45	Tyrannus sp.	0.22							
45.6	Tyrannus sp.	0.22							
56	Tyrannus sp.	0.22							
39.6	Tyrannus sp.	0.23							
43.2	Tyrannus sp.	0.23							
28.6	Tyrannus sp.	0.24							
43.6	Tyrannus sp.	0.23							
43.8	Tyrannus sp.	0.23							
44.1	Tyrannus sp.	0.23							
27.1	Tyrannus sp.	0.24							
27.2	Tyrannus sp.	0.24							
21	Zonotrichia sp.	0.25							
20	Zonotrichia sp.	0.25							
38.8	Zonotrichia sp.	0.23							
33.7	Zonotrichia sp.	0.23							
29.4	Zonotrichia sp.	0.24							
23.5	Zonotrichia sp.	0.24							
32	Zonotrichia sp.	0.24							
25.3	Zonotrichia sp.	0.25							
28.4	Zonotrichia sp.	0.24							
25.9	Zonotrichia sp.	0.24							
29.8	Zonotrichia sp.	0.24							
		0.96	Marsh wren						
		0.67	Marsh wren						
		0.99	Marsh wren						
		1.52	Robin						
		0.75	Robin						
		0.89	Robin						
count		76							

Forecast Cells

Intakes for Bird Species with Different Dietary Preferences

	Herbivore	Omnivore	Insectivore	Carnivore
Cadmium	0.066	0.058	0.068	0.042
Lead	6.760	7.644	6.562	9.608
DDE	0.001	0.001	0.001	0.0002
RDX	0.017	0.013	0.011	0.010
OCDD	8.92E-05	8.75E-05	8.46E-05	8.87E-05

Biota Analytical Data Used in Monte Carlo Simulation for Lead in Diet-Passerine Birds

Eco Val	Detect	Site Identification	SWMU	SDG	TYPE	Matrix	Analyte
50.3	1	EJ1-94-01	45	RUST02	SAMPLE	Jackrabbit	Pb
1.8	1	EJ1-94-02	45	RUST02	SAMPLE	Jackrabbit	Pb
104	1	EJ1-94-03	45	RUST02	SAMPLE	Jackrabbit	Pb
76.1	1	EJ1-94-04	45	RUST02	SAMPLE	Jackrabbit	Pb
65.9	1	EJ1-94-05	45	RUST02	SAMPLE	Jackrabbit	Pb
2	1	EJ1-94-06	45	RUST02	SAMPLE	Jackrabbit	Pb
1.8	1	EJ1-94-07	45	RUST02	SAMPLE	Jackrabbit	Pb
72.5	1	EJ1-94-08	45	RUST02	SAMPLE	Jackrabbit	Pb
19.5	1	EJ1-94-09	45	RUST02	SAMPLE	Jackrabbit	Pb
17.2	1	EJ2-94-01	45	RUST02	SAMPLE	Jackrabbit	Pb
2.5	1	EJ2-94-02	45	RUST02	SAMPLE	Jackrabbit	Pb
30.7	1	EJ2-94-03	45	RUST02	SAMPLE	Jackrabbit	Pb
23.8	1	EJ2-94-04	45	RUST02	SAMPLE	Jackrabbit	Pb
405	1	EJ2-94-05	45	RUST02	SAMPLE	Jackrabbit	Pb
265	1	EJ2-94-06	45	RUST02	SAMPLE	Jackrabbit	Pb
6.1	1	EB1-94-01	42	RUST03	SAMPLE	Rabbitbrush	Pb
21.1	1	EB1-94-02	42	RUST03	SAMPLE	Rabbitbrush	Pb
15.6	1	EB1-94-03	42	RUST03	SAMPLE	Rabbitbrush	Pb
30.5	1	EB1-94-04	42	RUST04	SAMPLE	Rabbitbrush	Pb
4.8	1	EB1-94-05	42	RUST04	SAMPLE	Rabbitbrush	Pb
6.8	1	EB1-94-06	42	RUST04	SAMPLE	Rabbitbrush	Pb
14.8	1	EB1-94-07	42	RUST04	SAMPLE	Rabbitbrush	Pb
6.8	1	EB1-94-08	42	RUST04	SAMPLE	Rabbitbrush	Pb
47.8	1	EB1-94-09	42	RUST04	SAMPLE	Rabbitbrush	Pb
1.8	1	EB2-94-02	45	RUST04	SAMPLE	Rabbitbrush	Pb
0.86	1	EB2-94-03	45	RUST05	SAMPLE	Rabbitbrush	Pb
1.2	1	EB2-94-04	45	RUST05	SAMPLE	Rabbitbrush	Pb
0.88	1	EB2-94-05	45	RUST05	SAMPLE	Rabbitbrush	Pb
1.2	1	EB2-94-06	45	RUST05	SAMPLE	Rabbitbrush	Pb
3.8	1	EC1-94-01	42	RUST06	SAMPLE	Sweetclover	Pb
11.6	1	EC1-94-02	42	RUST06	SAMPLE	Sweetclover	Pb
13.1	1	EC1-94-03	42	RUST06	SAMPLE	Sweetclover	Pb
30.1	1	EC1-94-04	42	RUST06	SAMPLE	Sweetclover	Pb
3.6	1	EC1-94-05	42	RUST06	SAMPLE	Sweetclover	Pb
11.6	1	EC1-94-06	42	RUST06	SAMPLE	Sweetclover	Pb
71.4	1	EC1-94-09	42	RUST06	SAMPLE	Sweetclover	Pb
20.2	1	EC1-94-08	42	RUST07	SAMPLE	Sweetclover	Pb
0.87	1	EC2-94-03	45	RUST06	SAMPLE	Sweetclover	Pb
1	1	EC2-94-05	45	RUST06	SAMPLE	Sweetclover	Pb
0.64	1	EC2-94-06	45	RUST06	SAMPLE	Sweetclover	Pb
31.2	1	EM1-94-07	42	RUST08	SAMPLE	Gumweed	Pb
1.9	1	EM2-94-01	45	RUST08	SAMPLE	Gumweed	Pb
2.4	1	EM2-94-02	45	RUST08	SAMPLE	Gumweed	Pb
2.2	1	EM2-94-04	45	RUST08	SAMPLE	Gumweed	Pb
3.9						Beetle	Pb
2.5						Beetle	Pb
0.38						Grasshopper	Pb
0.36						Grasshopper	Pb
0.57						Grasshopper	Pb

Biota Analytical Data Used in Monte Carlo Simulation for RDX in Diet-Passerine Birds

ECOVAL	Site Identification	SDG	SWMU	Type	Matrix	Analyte	Concentration	Qualifier	E_QUAL	Units
7	EB1-94-01	RUST03	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-02	RUST03	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
6.5	EB1-94-03	RUST03	42	SAMPLE	Rabbitbrush	RDX	13000.00	U	UJ	UG/KG
7	EB1-94-04	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-05	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-06	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-07	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-08	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
7	EB1-94-09	RUST04	42	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
0.2	EC1-94-01	RUST06	42	SAMPLE	Sweetclover	RDX	400.00	U	UJ	UG/KG
0.205	EC1-94-02	RUST06	42	SAMPLE	Sweetclover	RDX	410.00	U		UG/KG
0.205	EC1-94-03	RUST06	42	SAMPLE	Sweetclover	RDX	410.00	U		UG/KG
0.205	EC1-94-04	RUST06	42	SAMPLE	Sweetclover	RDX	410.00	U	UJ	UG/KG
0.2	EC1-94-05	RUST06	42	SAMPLE	Sweetclover	RDX	400.00	U		UG/KG
0.195	EC1-94-06	RUST06	42	SAMPLE	Sweetclover	RDX	390.00	U		UG/KG
0.2	EC1-94-09	RUST06	42	SAMPLE	Sweetclover	RDX	400.00	U		UG/KG
0.205	EC1-94-08	RUST07	42	SAMPLE	Sweetclover	RDX	410.00	U		UG/KG
3.6	EM1-94-07	RUST08	42	SAMPLE	Gumweed	RDX	7200.00	U		UG/KG
7	EB2-94-02	RUST04	45	SAMPLE	Rabbitbrush	RDX	14000.00	U	UJ	UG/KG
6	EB2-94-03	RUST05	45	SAMPLE	Rabbitbrush	RDX	12000.00	U	UJ	UG/KG
6.5	EB2-94-04	RUST05	45	SAMPLE	Rabbitbrush	RDX	13000.00	U	UJ	UG/KG
6.5	EB2-94-05	RUST05	45	SAMPLE	Rabbitbrush	RDX	13000.00	U	UJ	UG/KG
7	EB2-94-06	RUST05	45	SAMPLE	Rabbitbrush	RDX	14000	U	UJ	UG/KG
5.9	EC2-94-03	RUST06	45	SAMPLE	Sweetclover	RDX	5900			UG/KG
0.2	EC2-94-05	RUST06	45	SAMPLE	Sweetclover	RDX	400	U		UG/KG
3.8	EC2-94-06	RUST06	45	SAMPLE	Sweetclover	RDX	3800			UG/KG
3.95	EM2-94-01	RUST08	45	SAMPLE	Gumweed	RDX	7900	U		UG/KG
3.95	EM2-94-02	RUST08	45	SAMPLE	Gumweed	RDX	7900	U		UG/KG
3.95	EM2-94-04	RUST08	45	SAMPLE	Gumweed	RDX	7900	U		UG/KG

Biota Analytical Data Used in Monte Carlo Simulation for OCDD in Diet-Passerine Birds

Eco Val	Detect	SWMU	Matrix	Analyte	Concentration	Qualifier	MDL	Units
0.000000534		42/45	Beetle	OCDD	23.7467	B	1.068	NG/KG
4.07995E-07		42/45	Grasshopper	OCDD	2.4368	B	0.81599	NG/KG
0.0000011		42/45	Grasshopper	OCDD	2.2	UB	2.2	NG/KG
0.000001		42/45	Grasshopper	OCDD	2	UB	2	NG/KG
0.000000537		42	Gumweed	OCDD	1.074	U	1.074	ng/kg
9.2898E-06	1	42	Rabbitbrush	OCDD	9.2898	B	0.00000	ng/kg
5.7865E-06	1	42	Rabbitbrush	OCDD	5.7865	B	0.00000	ng/kg
5.9529E-06	1	42	Rabbitbrush	OCDD	5.9529		0.00000	ng/kg
1.31364E-05	1	42	Rabbitbrush	OCDD	13.1364		0	ng/kg
5.3716E-06	1	42	Rabbitbrush	OCDD	5.3716		0	ng/kg
0.000000772		42	Rabbitbrush	OCDD	1.544	U	1.544	ng/kg
9.5244E-06	1	42	Rabbitbrush	OCDD	9.5244		0	ng/kg
4.8308E-06	1	42	Rabbitbrush	OCDD	4.8308		0	ng/kg
6.4301E-06	1	42	Rabbitbrush	OCDD	6.4301		0	ng/kg
0.000000766		42	Sweetclover	OCDD	1.532	UB	1.532	ng/kg
0.000001845	1	42	Sweetclover	OCDD	1.845	B	0	ng/kg
2.3095E-06	1	42	Sweetclover	OCDD	2.3095	B	0	ng/kg
1.8707E-06	1	42	Sweetclover	OCDD	1.8707	B	0	ng/kg
1.6095E-06	1	42	Sweetclover	OCDD	1.6095	B	0	ng/kg
2.1656E-06	1	42	Sweetclover	OCDD	2.1656	B	0	ng/kg
0.000117294	1	42	Sweetclover	OCDD	117.2936		0	ng/kg
1.97265E-06		42	Sweetclover	OCDD	3.9453	B	0	ng/kg
0.000003911	1	45	Gumweed	OCDD	3.911		0	ng/kg
4.6252E-06	1	45	Gumweed	OCDD	4.6252		0	ng/kg
1.05766E-05	1	45	Gumweed	OCDD	10.5766		0	ng/kg
1.9859E-06	1	45	Rabbitbrush	OCDD	1.9859		0	ng/kg
1.07675E-06		45	Rabbitbrush	OCDD	2.1535	B	0	ng/kg
6.676E-07		45	Rabbitbrush	OCDD	1.3352	B	0	ng/kg
3.355E-07		45	Rabbitbrush	OCDD	0.671	U	0.671	ng/kg
0.00000035		45	Rabbitbrush	OCDD	0.7	UB	0.7	ng/kg
2.02687E-05	1	45	Sweetclover	OCDD	20.2687	B	0	ng/kg
1.0995E-06		45	Sweetclover	OCDD	2.199	UB	2.199	ng/kg
4.0811E-06	1	45	Sweetclover	OCDD	4.0811	B	0	ng/kg
4.4756E-06	1	45	Jackrabbit	OCDD	4.4756		0.00000	ng/kg
5.6626E-06	1	45	Jackrabbit	OCDD	5.6626		0.00000	ng/kg
1.5333E-06	1	45	Jackrabbit	OCDD	1.5333		0.00000	ng/kg
6.15345E-05	1	45	Jackrabbit	OCDD	61.5345		0.00000	ng/kg
0.000150278	1	45	Jackrabbit	OCDD	150.278		0.00000	ng/kg
3.2721E-06	1	45	Jackrabbit	OCDD	3.2721		0.00000	ng/kg
5.3438E-06	1	45	Jackrabbit	OCDD	5.3438		0.00000	ng/kg
2.7193E-06	1	45	Jackrabbit	OCDD	2.7193		0.00000	ng/kg
0.000003829	1	45	Jackrabbit	OCDD	3.829		0.00000	ng/kg
0.000191276	1	45	Jackrabbit	OCDD	191.276		0.00000	ng/kg
3.18276E-05	1	45	Jackrabbit	OCDD	31.8276		0.00000	ng/kg
1.31298E-05	1	45	Jackrabbit	OCDD	13.1298		0.00000	ng/kg
1.44233E-05	1	45	Jackrabbit	OCDD	14.4233		0.00000	ng/kg
2.4013E-06	1	45	Jackrabbit	OCDD	2.4013		0.00000	ng/kg
2.09506E-05	1	45	Jackrabbit	OCDD	20.9506		0.00000	ng/kg

Biota Analytical Data Used in Monte Carlo Simulation for PPDDE in Diet-Passerine Birds

Eco Val	Detect	Site Identification	SWMU	Matrix	Analyte	Concentration	Qualifier	MDL	Units
0.02	1	EL1-95-01C	42/45	Beetle	PPDDE	20		0.86	ug/kg
0.043	1	EL1-95-02C	42/45	Beetle	PPDDE	43		0.86	ug/kg
0.0017	1	EG1-95-01C	42/45	Grasshopper	PPDDE	1.7		0.86	ug/kg
0.0011	1	EG1-95-02C	42/45	Grasshopper	PPDDE	1.1		0.86	ug/kg
0.00043		EG1-95-03C	42/45	Grasshopper	PPDDE	0.86	U	0.86	ug/kg
7.10E-04		EJ1-94-01	45	Jackrabbit	4,4'-DDE	0.71		0.67	ug/kg
3.35E-04		EJ1-94-02	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ1-94-03	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ1-94-04	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ1-94-05	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ1-94-06	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
8.20E-04		EJ1-94-07	45	Jackrabbit	4,4'-DDE	0.82		0.67	ug/kg
3.35E-04		EJ1-94-08	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ1-94-09	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ2-94-01	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ2-94-02	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ2-94-03	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
3.35E-04		EJ2-94-04	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
1.20E-03		EJ2-94-05	45	Jackrabbit	4,4'-DDE	1.2		0.67	ug/kg
3.35E-04		EJ2-94-06	45	Jackrabbit	4,4'-DDE	0.67	U	0.67	ug/kg
7.80E-02		EB1-94-01	42	Rabbitbrush	4,4'-DDE	78		34.00	ug/kg
1.30E-01		EB1-94-02	42	Rabbitbrush	4,4'-DDE	130		34.00	ug/kg
1.70E-02		EB1-94-03	42	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
1.70E-02		EB1-94-04	42	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
1.70E-02		EB1-94-05	42	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
6.20E-02		EB1-94-06	42	Rabbitbrush	4,4'-DDE	62		34.00	ug/kg
1.70E-02		EB1-94-07	42	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
1.70E-02		EB1-94-08	42	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
6.70E-02		EB1-94-09	42	Rabbitbrush	4,4'-DDE	67		34.00	ug/kg
1.70E-02		EB2-94-02	45	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
1.70E-02		EB2-94-03	45	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
1.70E-02		EB2-94-04	45	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
1.70E-02		EB2-94-05	45	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
1.70E-02		EB2-94-06	45	Rabbitbrush	4,4'-DDE	34	U	34.00	ug/kg
1.35E-03		EC1-94-01	42	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC1-94-02	42	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC1-94-03	42	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC1-94-04	42	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC1-94-05	42	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC1-94-06	42	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC1-94-09	42	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC2-94-03	45	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC2-94-05	45	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC2-94-06	45	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
1.35E-03		EC1-94-08	42	Sweetclover	4,4'-DDE	2.7	U	2.70	ug/kg
3.40E-02		EM1-94-07	42	Gumweed	4,4'-DDE	68	U	68.00	ug/kg
3.40E-02		EM2-94-01	45	Gumweed	4,4'-DDE	68	U	68.00	ug/kg
3.40E-02		EM2-94-02	45	Gumweed	4,4'-DDE	68	U	68.00	ug/kg
3.40E-02		EM2-94-04	45	Gumweed	4,4'-DDE	68	U	68.00	ug/kg

Biota Analytical Data Used in Monte Carlo Simulation for Cd in Diet-Passerine Birds

Eco Val	Detect	Site Identification	SWMU	SDG	TYPE	Matrix	Analyte
0.25	1	EC1-94-01	42	RUST06	SAMPLE	Sweetclover	Cd
0.29	1	EC1-94-02	42	RUST06	SAMPLE	Sweetclover	Cd
0.35	1	EC1-94-03	42	RUST06	SAMPLE	Sweetclover	Cd
0.3	1	EC1-94-04	42	RUST06	SAMPLE	Sweetclover	Cd
0.31	1	EC1-94-05	42	RUST06	SAMPLE	Sweetclover	Cd
0.34	1	EC1-94-06	42	RUST06	SAMPLE	Sweetclover	Cd
0.73	1	EC1-94-09	42	RUST06	SAMPLE	Sweetclover	Cd
0.2	1	EC1-94-08	42	RUST07	SAMPLE	Sweetclover	Cd
0.19	1	EC2-94-03	45	RUST06	SAMPLE	Sweetclover	Cd
0.06435		EC2-94-05	45	RUST06	SAMPLE	Sweetclover	Cd
0.06435		EC2-94-06	45	RUST06	SAMPLE	Sweetclover	Cd
0.19	1	EB1-94-01	42	RUST03	SAMPLE	Rabbitbrush	Cd
0.27	1	EB1-94-02	42	RUST03	SAMPLE	Rabbitbrush	Cd
0.2	1	EB1-94-03	42	RUST03	SAMPLE	Rabbitbrush	Cd
0.13	1	EB1-94-04	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.14	1	EB1-94-05	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.12	1	EB1-94-06	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.2	1	EB1-94-07	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.13	1	EB1-94-08	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.27	1	EB1-94-09	42	RUST04	SAMPLE	Rabbitbrush	Cd
0.22	1	EB2-94-02	45	RUST04	SAMPLE	Rabbitbrush	Cd
0.34	1	EB2-94-03	45	RUST05	SAMPLE	Rabbitbrush	Cd
0.22	1	EB2-94-04	45	RUST05	SAMPLE	Rabbitbrush	Cd
0.14	1	EB2-94-05	45	RUST05	SAMPLE	Rabbitbrush	Cd
0.21	1	EB2-94-06	45	RUST05	SAMPLE	Rabbitbrush	Cd
0.45	1	EM1-94-07	42	RUST08	SAMPLE	Gumweed	Cd
2.3	1	EM2-94-01	45	RUST08	SAMPLE	Gumweed	Cd
0.201		EM2-94-02	45	RUST08	SAMPLE	Gumweed	Cd
0.205		EM2-94-04	45	RUST08	SAMPLE	Gumweed	Cd
0.06		EJ1-94-01	45	RUST02	SAMPLE	Jackrabbit	Cd
0.13	1	EJ1-94-02	45	RUST02	SAMPLE	Jackrabbit	Cd
0.0594		EJ1-94-03	45	RUST02	SAMPLE	Jackrabbit	Cd
0.05825		EJ1-94-04	45	RUST02	SAMPLE	Jackrabbit	Cd
0.13	1	EJ1-94-05	45	RUST02	SAMPLE	Jackrabbit	Cd
0.14	1	EJ1-94-06	45	RUST02	SAMPLE	Jackrabbit	Cd
0.14	1	EJ1-94-07	45	RUST02	SAMPLE	Jackrabbit	Cd
0.15	1	EJ1-94-08	45	RUST02	SAMPLE	Jackrabbit	Cd
0.2	1	EJ1-94-09	45	RUST02	SAMPLE	Jackrabbit	Cd
0.0594		EJ2-94-01	45	RUST02	SAMPLE	Jackrabbit	Cd
0.42	1	EJ2-94-02	45	RUST02	SAMPLE	Jackrabbit	Cd
0.05605		EJ2-94-03	45	RUST02	SAMPLE	Jackrabbit	Cd
0.0566		EJ2-94-04	45	RUST02	SAMPLE	Jackrabbit	Cd
0.16	1	EJ2-94-05	45	RUST02	SAMPLE	Jackrabbit	Cd
0.0588		EJ2-94-06	45	RUST02	SAMPLE	Jackrabbit	Cd
0.44						Beetle	Cd
0.28						Beetle	Cd
0.29						Grasshopper	Cd
0.33						Grasshopper	Cd
0.36						Grasshopper	Cd

Crystal Ball Report

Simulation started on 7/22/97 at 14:26:59

Simulation stopped on 7/22/97 at 14:34:11

Forecast: Cadmium-Herbivore

Summary:

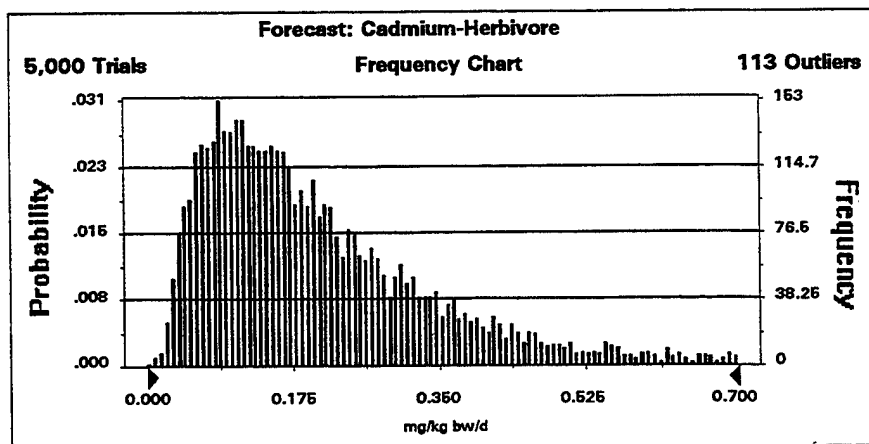
Display Range is from 0.000 to 0.700 mg/kg bw/d

Entire Range is from 0.006 to 1.907 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.002

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.217
Median	0.171
Mode	---
Standard Deviation	0.170
Variance	0.029
Skewness	2.37
Kurtosis	12.61
Coeff. of Variability	0.78
Range Minimum	0.006
Range Maximum	1.907
Range Width	1.901
Mean Std. Error	0.002



Forecast: Cadmium-Herbivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.006
10%	0.064
20%	0.090
30%	0.115
40%	0.143
50%	0.171
60%	0.207
70%	0.250
80%	0.311
90%	0.418
100%	1.907

End of Forecast

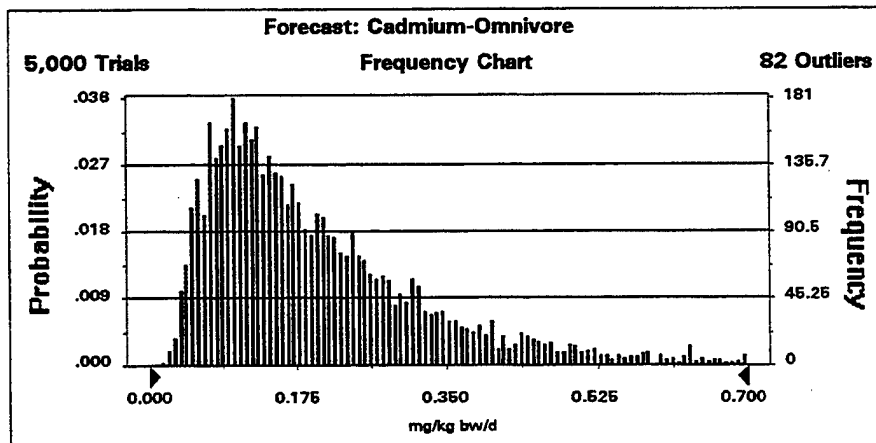
Forecast: Cadmium-Omnivore

Summary:

Display Range is from 0.000 to 0.700 mg/kg bw/d
Entire Range is from 0.018 to 1.905 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.002

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.208
Median	0.165
Mode	---
Standard Deviation	0.157
Variance	0.025
Skewness	2.49
Kurtosis	14.02
Coeff. of Variability	0.75
Range Minimum	0.018
Range Maximum	1.905
Range Width	1.887
Mean Std. Error	0.002



Forecast: Cadmium-Omnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.018
10%	0.070
20%	0.094
30%	0.115
40%	0.138
50%	0.165
60%	0.198
70%	0.239
80%	0.294
90%	0.391
100%	1.905

End of Forecast

Forecast: Cadmium - Insectivore

Summary:

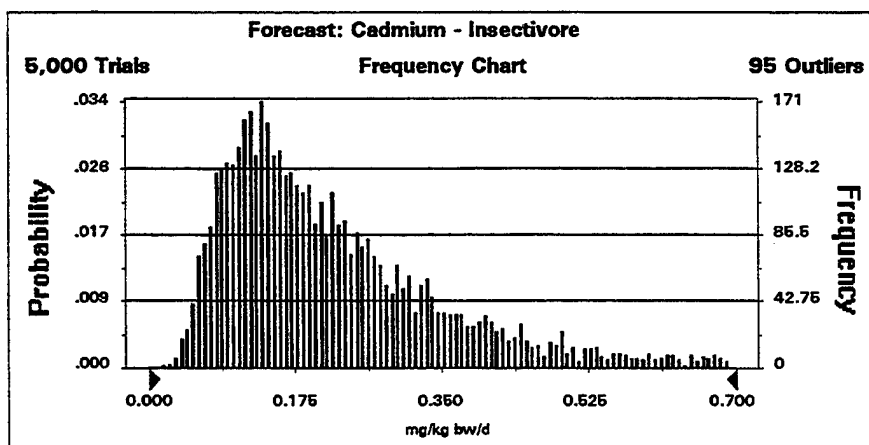
Display Range is from 0.000 to 0.700 mg/kg bw/d

Entire Range is from 0.021 to 1.927 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.002

Statistics:

	Value
Trials	5000
Mean	0.229
Median	0.186
Mode	---
Standard Deviation	0.160
Variance	0.026
Skewness	2.43
Kurtosis	13.55
Coeff. of Variability	0.70
Range Minimum	0.021
Range Maximum	1.927
Range Width	1.906
Mean Std. Error	0.002



Forecast: Cadmium - Insectivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.021
10%	0.087
20%	0.112
30%	0.135
40%	0.158
50%	0.186
60%	0.220
70%	0.261
80%	0.319
90%	0.417
100%	1.927

End of Forecast

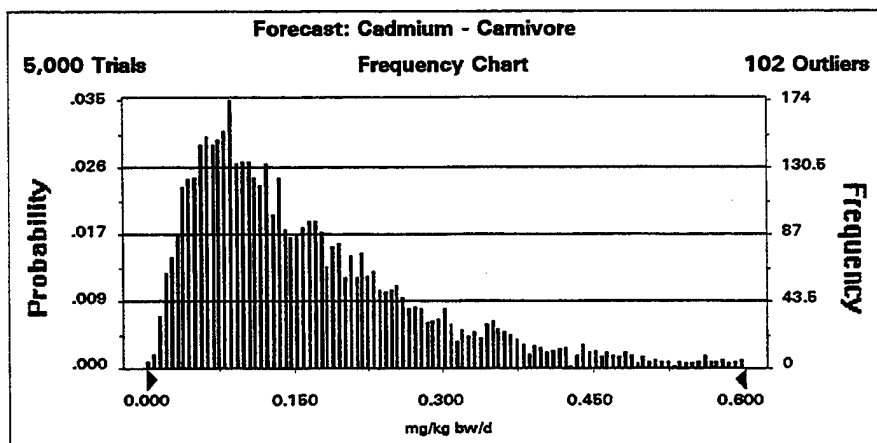
Forecast: Cadmium - Carnivore

Summary:

Display Range is from 0.000 to 0.600 mg/kg bw/d
Entire Range is from 0.003 to 1.880 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.002

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.177
Median	0.136
Mode	---
Standard Deviation	0.149
Variance	0.022
Skewness	2.59
Kurtosis	15.26
Coeff. of Variability	0.84
Range Minimum	0.003
Range Maximum	1.880
Range Width	1.877
Mean Std. Error	0.002



Forecast: Cadmium - Carnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.003
10%	0.047
20%	0.069
30%	0.088
40%	0.110
50%	0.136
60%	0.168
70%	0.206
80%	0.257
90%	0.354
100%	1.880

End of Forecast

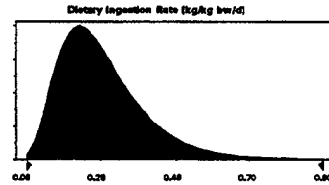
Assumptions

Assumption: Dietary Ingestion Rate (kg/kg bw/d)

Lognormal distribution with parameters:

Mean 0.29
Standard Dev. 0.12

Selected range is from 0.00 to 1.50
Mean value in simulation was 0.29



Assumption: Soil Fraction in Diet

Lognormal distribution with parameters:

Mean 0.099
Standard Dev. 0.045

Selected range is from 0.000 to 4.793
Mean value in simulation was 0.098

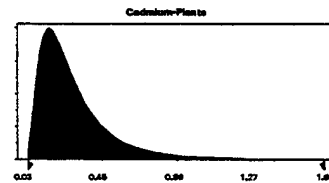


Assumption: Cadmium-Plants

Lognormal distribution with parameters:

Mean 0.29
Standard Dev. 0.21

Selected range is from 0.00 to +Infinity
Mean value in simulation was 0.29

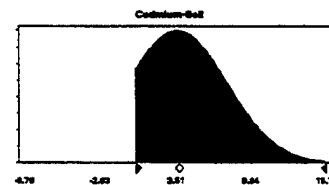


Assumption: Cadmium-Soil

Normal distribution with parameters:

Mean 3.51
Standard Dev. 4.09

Selected range is from 0.00 to +Infinity
Mean value in simulation was 4.94



Assumption: Cadmium-Jackrabbits

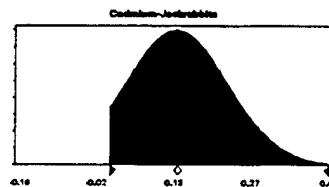
Normal distribution with parameters:

Mean 0.13

Standard Dev. 0.09

Selected range is from 0.00 to +Infinity

Mean value in simulation was 0.14



Assumption: Body Weight (g)

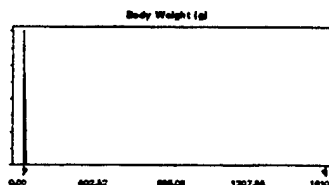
Lognormal distribution with parameters:

Mean 20.38

Standard Dev. 450.81

Selected range is from 0.00 to +Infinity

Mean value in simulation was 17.08



Assumption: Cadmium-Invertebrates

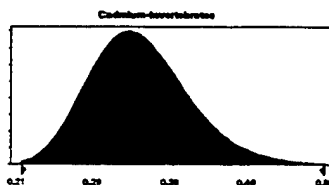
Lognormal distribution with parameters:

Mean 0.34

Standard Dev. 0.06

Selected range is from 0.00 to +Infinity

Mean value in simulation was 0.34



End of Assumptions

Crystal Ball Report
Simulation started on 7/22/97 at 14:26:59
Simulation stopped on 7/22/97 at 14:34:11

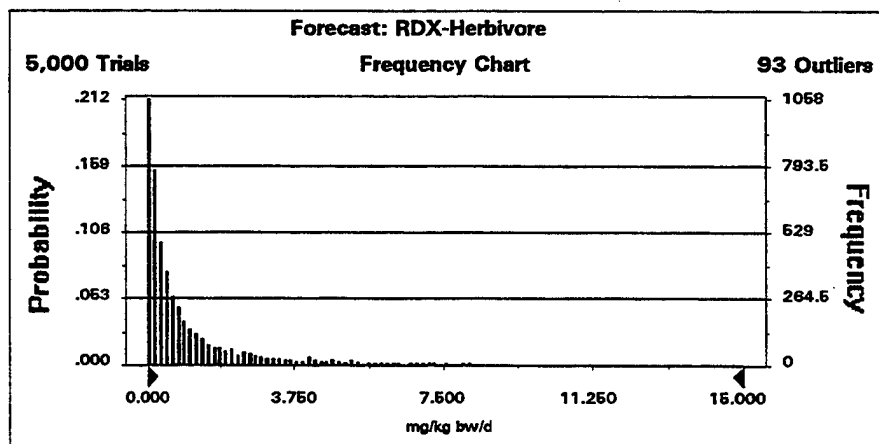
Forecast: RDX-Herbivore

Summary:

Display Range is from 0.000 to 15.000 mg/kg bw/d
Entire Range is from 0.005 to 109.227 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.069

Statistics:

	<u>Value</u>
Trials	5000
Mean	1.811
Median	0.518
Mode	---
Standard Deviation	4.853
Variance	23.555
Skewness	9.35
Kurtosis	137.51
Coeff. of Variability	2.68
Range Minimum	0.005
Range Maximum	109.227
Range Width	109.222
Mean Std. Error	0.069



Forecast: RDX-Herbivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.005
10%	0.070
20%	0.141
30%	0.223
40%	0.343
50%	0.518
60%	0.767
70%	1.179
80%	1.991
90%	4.117
100%	109.227

End of Forecast

Forecast: RDX-Omnivore

Summary:

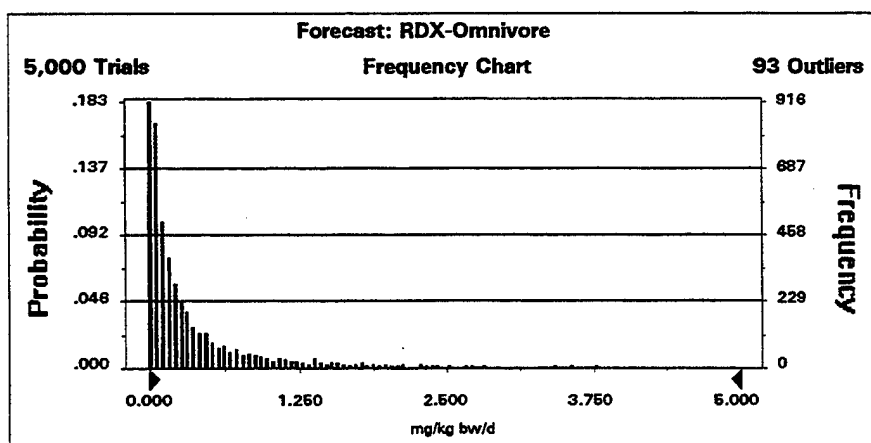
Display Range is from 0.000 to 5.000 mg/kg bw/d

Entire Range is from 0.003 to 36.417 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.023

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.611
Median	0.180
Mode	---
Standard Deviation	1.618
Variance	2.619
Skewness	9.35
Kurtosis	137.44
Coeff. of Variability	2.65
Range Minimum	0.003
Range Maximum	36.417
Range Width	36.414
Mean Std. Error	0.023



Forecast: RDX-Omnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.003
10%	0.030
20%	0.055
30%	0.082
40%	0.122
50%	0.180
60%	0.262
70%	0.399
80%	0.669
90%	1.383
100%	36.417

End of Forecast

Forecast: RDX-Insectivore

Summary:

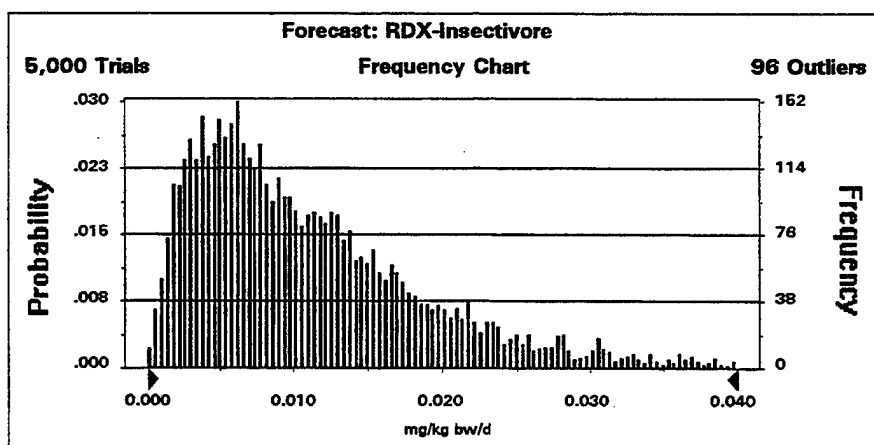
Display Range is from 0.000 to 0.040 mg/kg bw/d

Entire Range is from 0.000 to 0.126 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.012
Median	0.009
Mode	---
Standard Deviation	0.010
Variance	0.000
Skewness	2.64
Kurtosis	16.47
Coeff. of Variability	0.84
Range Minimum	0.000
Range Maximum	0.126
Range Width	0.126
Mean Std. Error	0.000



Forecast: RDX-Insectivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.000
10%	0.003
20%	0.004
30%	0.006
40%	0.007
50%	0.009
60%	0.011
70%	0.014
80%	0.017
90%	0.023
100%	0.126

End of Forecast

Forecast: RDX-Carnivore

Summary:

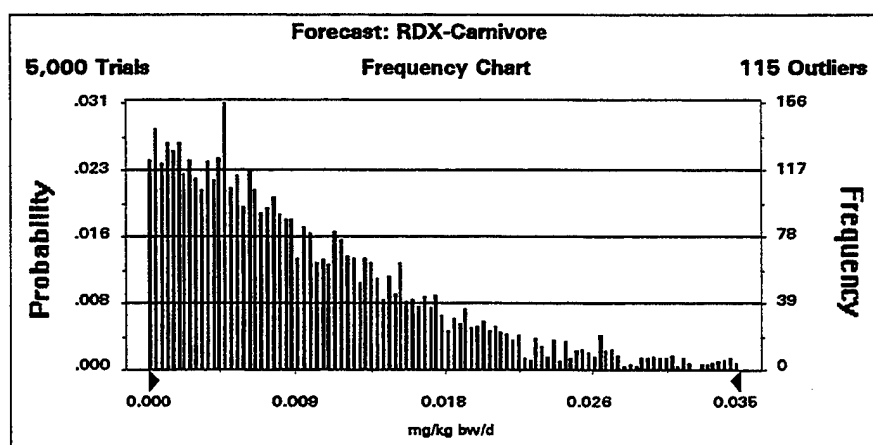
Display Range is from 0.000 to 0.035 mg/kg bw/d

Entire Range is from 0.000 to 0.125 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.010
Median	0.007
Mode	---
Standard Deviation	0.009
Variance	0.000
Skewness	2.74
Kurtosis	17.63
Coeff. of Variability	0.96
Range Minimum	0.000
Range Maximum	0.125
Range Width	0.125
Mean Std. Error	0.000



Forecast: RDX-Carnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.000
10%	0.001
20%	0.003
30%	0.004
40%	0.006
50%	0.007
60%	0.009
70%	0.012
80%	0.015
90%	0.020
100%	0.125

End of Forecast

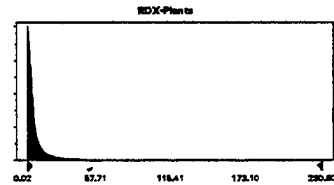
Assumptions

Assumption: RDX-Plants

Lognormal distribution with parameters:

Mean	7.10
Standard Dev.	23.40

Selected range is from 0.00 to +Infinity
Mean value in simulation was 7.09

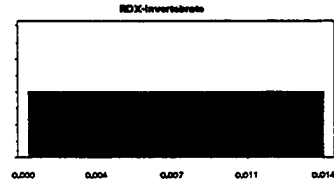


Assumption: RDX-Invertebrate

Uniform distribution with parameters:

Minimum	0.000
Maximum	0.014

Mean value in simulation was 0.007

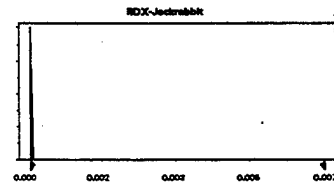


Assumption: RDX-Jackrabbit

Lognormal distribution with parameters:

Mean	0.000
Standard Dev.	0.100

Selected range is from 0.000 to 0.100
Mean value in simulation was 0.000

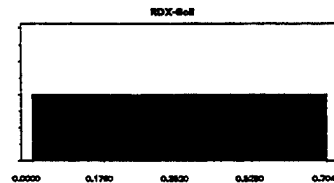


Assumption: RDX-Soil

Uniform distribution with parameters:

Minimum	0.0000
Maximum	0.7040

Mean value in simulation was 0.3507



End of Assumptions

Crystal Ball Report

Simulation started on 7/22/97 at 14:26:59

Simulation stopped on 7/22/97 at 14:34:11

Forecast: Lead-Herbivore

Summary:

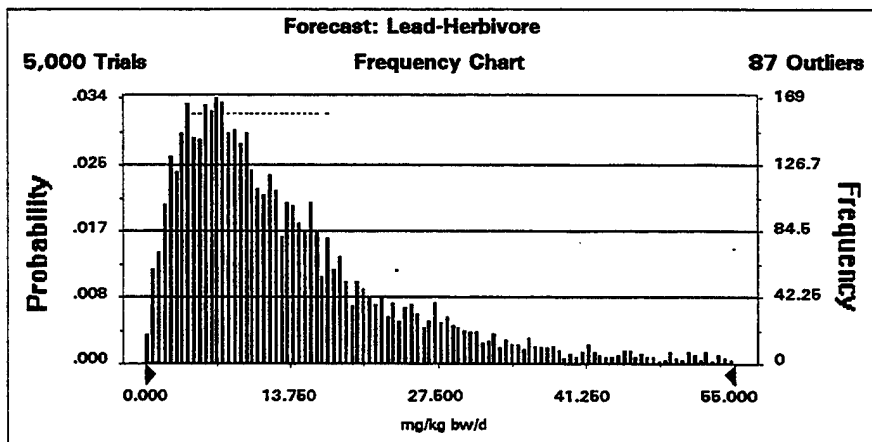
Display Range is from 0.000 to 55.000 mg/kg bw/d

Entire Range is from 0.203 to 305.247 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.198

Statistics:

	<u>Value</u>
Trials	5000
Mean	14.311
Median	10.556
Mode	---
Standard Deviation	14.024
Variance	196.685
Skewness	4.71
Kurtosis	57.91
Coeff. of Variability	0.98
Range Minimum	0.203
Range Maximum	305.247
Range Width	305.044
Mean Std. Error	0.198



Forecast: Lead-Herbivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.203
10%	3.280
20%	5.079
30%	6.827
40%	8.588
50%	10.556
60%	13.157
70%	16.040
80%	20.525
90%	28.676
100%	305.247

End of Forecast

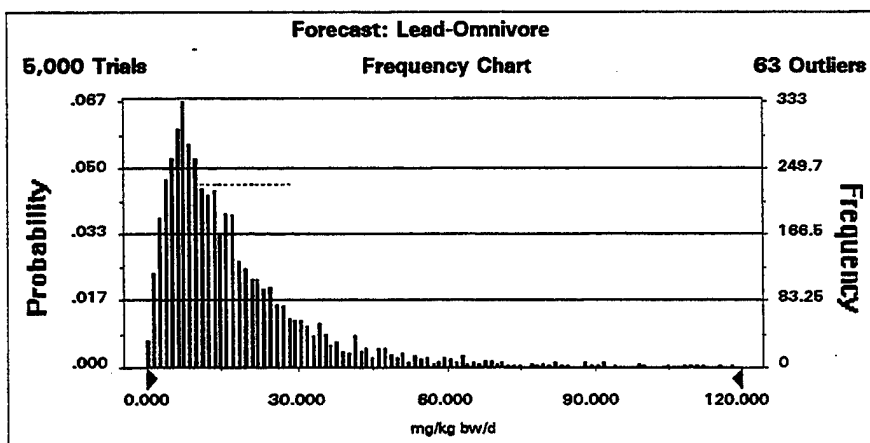
Forecast: Lead-Omnivore

Summary:

Display Range is from 0.000 to 120.000 mg/kg bw/d
Entire Range is from 0.348 to 1021.947 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.492

Statistics:

	<u>Value</u>
Trials	5000
Mean	20.972
Median	13.480
Mode	---
Standard Deviation	34.781
Variance	1209.747
Skewness	11.66
Kurtosis	230.20
Coeff. of Variability	1.66
Range Minimum	0.348
Range Maximum	1021.947
Range Width	1021.599
Mean Std. Error	0.492



Forecast: Lead-Omnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.348
10%	4.437
20%	6.698
30%	8.526
40%	10.772
50%	13.480
60%	16.601
70%	20.711
80%	26.945
90%	40.106
100%	1021.947

End of Forecast

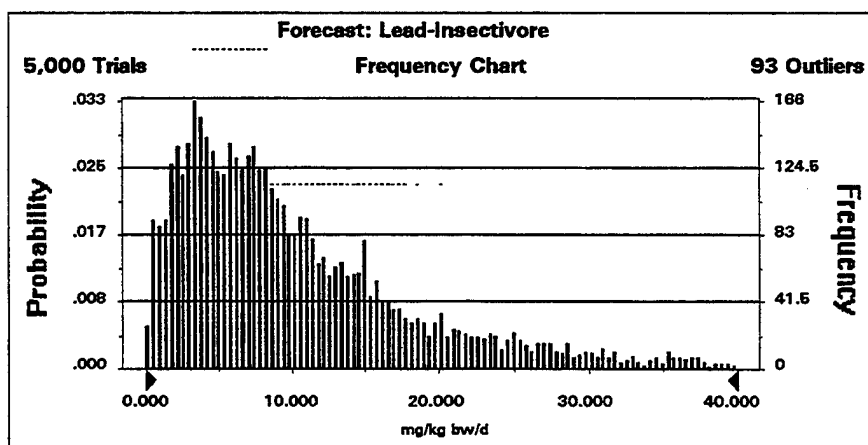
Forecast: Lead-Insectivore

Summary:

Display Range is from 0.000 to 40.000 mg/kg bw/d
Entire Range is from 0.096 to 122.959 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.144

Statistics:

	<u>Value</u>
Trials	5000
Mean	10.964
Median	8.194
Mode	---
Standard Deviation	10.205
Variance	104.150
Skewness	2.83
Kurtosis	17.46
Coeff. of Variability	0.93
Range Minimum	0.096
Range Maximum	122.959
Range Width	122.863
Mean Std. Error	0.144



Forecast: Lead-Insectivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.096
10%	2.216
20%	3.611
30%	5.053
40%	6.610
50%	8.194
60%	10.124
70%	12.647
80%	15.998
90%	23.054
100%	122.959

End of Forecast

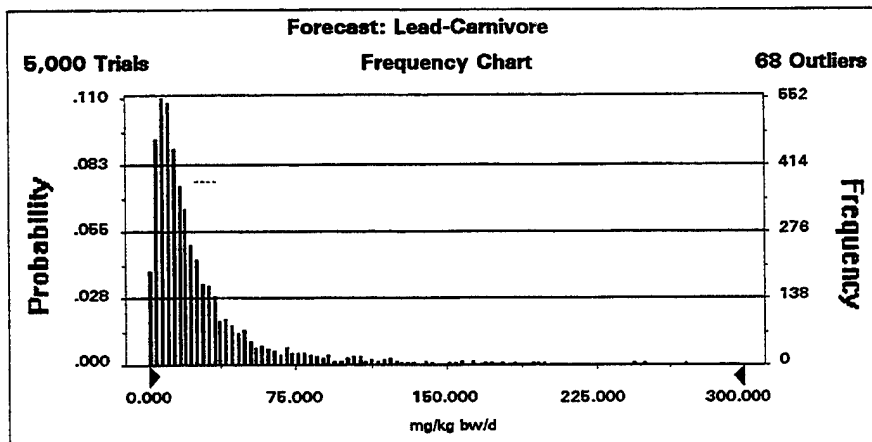
Forecast: Lead-Carnivore

Summary:

Display Range is from 0.000 to 300.000 mg/kg bw/d
Entire Range is from 0.210 to 3035.704 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 1.390

Statistics:

	<u>Value</u>
Trials	5000
Mean	37.641
Median	17.182
Mode	---
Standard Deviation	98.313
Variance	9665.462
Skewness	13.49
Kurtosis	283.37
Coeff. of Variability	2.61
Range Minimum	0.210
Range Maximum	3035.704
Range Width	3035.495
Mean Std. Error	1.390



Forecast: Lead-Carnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.210
10%	4.985
20%	7.977
30%	10.482
40%	13.484
50%	17.182
60%	22.106
70%	29.319
80%	40.786
90%	71.722
100%	3035.704

End of Forecast

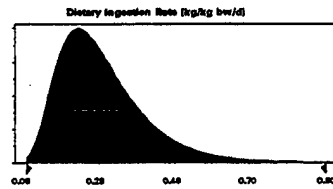
Assumptions

Assumption: Dietary Ingestion Rate (kg/kg bw/d)

Lognormal distribution with parameters:

Mean	0.29
Standard Dev.	0.12

Selected range is from 0.00 to 1.50
Mean value in simulation was 0.29



Assumption: Soil Fraction in Diet

Lognormal distribution with parameters:

Mean	0.099
Standard Dev.	0.045

Selected range is from 0.000 to 4.793
Mean value in simulation was 0.098

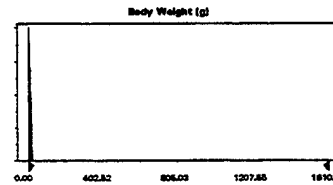


Assumption: Body Weight (g)

Lognormal distribution with parameters:

Mean	20.38
Standard Dev.	450.81

Selected range is from 0.00 to +Infinity
Mean value in simulation was 17.08

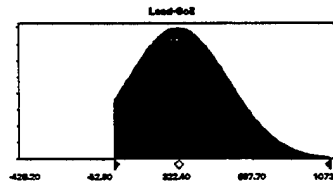


Assumption: Lead-Soil

Normal distribution with parameters:

Mean	322.40
Standard Dev.	250.20

Selected range is from 0.00 to +Infinity
Mean value in simulation was 369.66



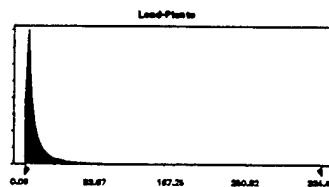
Assumption: Lead-Plants

Lognormal distribution with parameters:

Mean	14.08
Standard Dev.	32.99

Selected range is from 0.00 to +Infinity

Mean value in simulation was 14.46



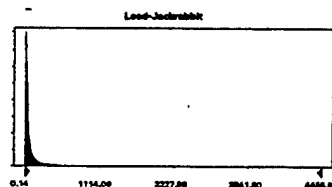
Assumption: Lead-Jackrabbit

Lognormal distribution with parameters:

Mean	110.77
Standard Dev.	482.79

Selected range is from 0.00 to +Infinity

Mean value in simulation was 103.41



Assumption: Lead-Invertebrate

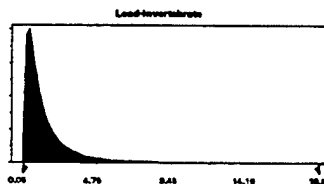
Lognormal distribution with parameters:

Mean	1.56
Standard Dev.	2.03

Selected range is from 0.00 to +Infinity

Mean value in simulation was 1.54

16.



End of Assumptions

Crystal Ball Report

Simulation started on 7/22/97 at 14:26:59

Simulation stopped on 7/22/97 at 14:34:11

Forecast: OCDD-Herbivore

Summary:

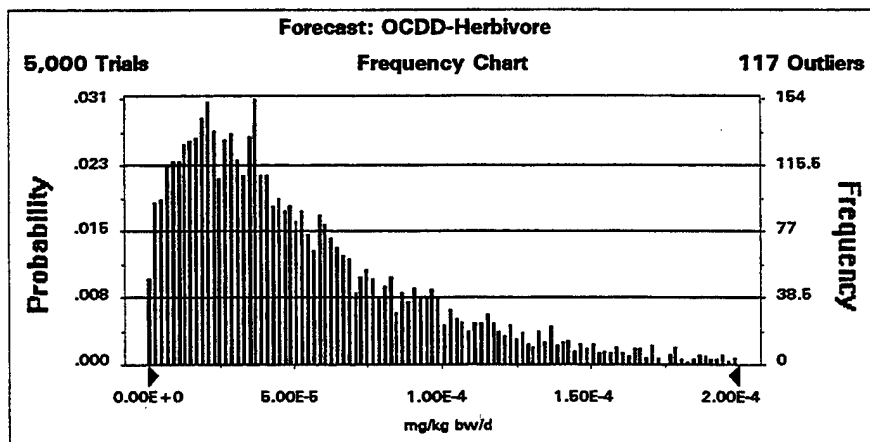
Display Range is from 0.00E+0 to 2.00E-4 mg/kg bw/d

Entire Range is from 2.42E-7 to 5.39E-4 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 7.53E-7

Statistics:

	<u>Value</u>
Trials	5000
Mean	5.68E-05
Median	4.17E-05
Mode	—
Standard Deviation	5.33E-05
Variance	2.84E-09
Skewness	2.61
Kurtosis	14.40
Coeff. of Variability	0.94
Range Minimum	2.42E-07
Range Maximum	5.39E-04
Range Width	5.38E-04
Mean Std. Error	7.53E-07



Forecast: OCDD-Herbivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	2.42E-07
10%	1.06E-05
20%	1.83E-05
30%	2.58E-05
40%	3.38E-05
50%	4.17E-05
60%	5.29E-05
70%	6.59E-05
80%	8.63E-05
90%	1.18E-04
100%	5.39E-04

End of Forecast

Forecast: OCDD-Omnivore

Summary:

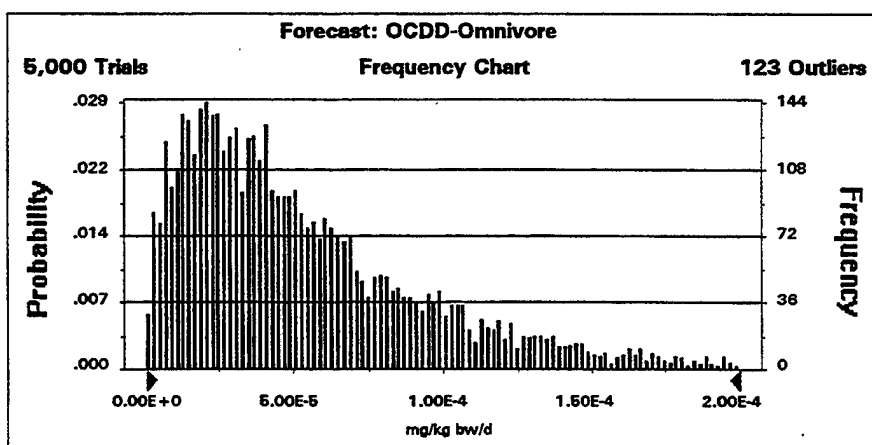
Display Range is from 0.00E+0 to 2.00E-4 mg/kg bw/d

Entire Range is from 3.95E-7 to 5.39E-4 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 7.65E-7

Statistics:

	Value
Trials	5000
Mean	5.84E-05
Median	4.32E-05
Mode	---
Standard Deviation	5.41E-05
Variance	2.92E-09
Skewness	2.60
Kurtosis	14.23
Coeff. of Variability	0.93
Range Minimum	3.95E-07
Range Maximum	5.39E-04
Range Width	5.38E-04
Mean Std. Error	7.65E-07



Forecast: OCDD-Omnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	3.95E-07
10%	1.15E-05
20%	1.94E-05
30%	2.65E-05
40%	3.49E-05
50%	4.32E-05
60%	5.41E-05
70%	6.74E-05
80%	8.79E-05
90%	1.20E-04
100%	5.39E-04

End of Forecast

Forecast: OCDD-Insectivore

Summary:

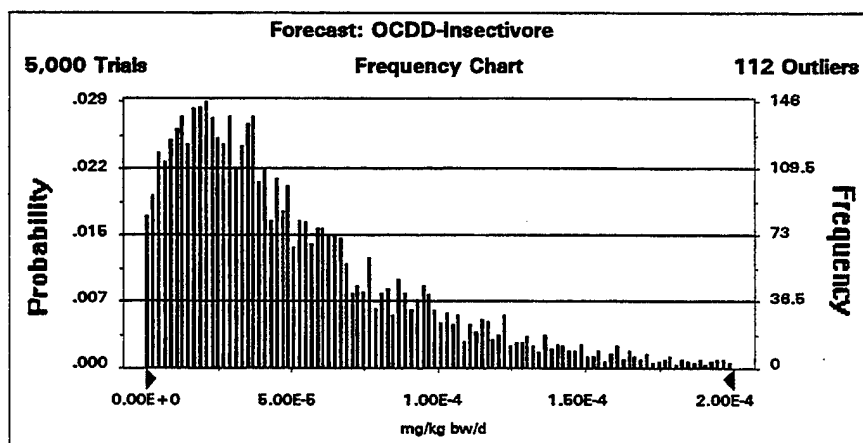
Display Range is from 0.00E+0 to 2.00E-4 mg/kg bw/d

Entire Range is from 1.08E-7 to 5.39E-4 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 7.49E-7

Statistics:

	<u>Value</u>
Trials	5000
Mean	5.52E-05
Median	4.03E-05
Mode	---
Standard Deviation	5.30E-05
Variance	2.80E-09
Skewness	2.64
Kurtosis	14.70
Coeff. of Variability	0.96
Range Minimum	1.09E-07
Range Maximum	5.39E-04
Range Width	5.39E-04
Mean Std. Error	7.49E-07



Forecast: OCDD-Insectivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	1.09E-07
10%	9.43E-06
20%	1.70E-05
30%	2.40E-05
40%	3.21E-05
50%	4.03E-05
60%	5.08E-05
70%	6.43E-05
80%	8.40E-05
90%	1.16E-04
100%	5.39E-04

End of Forecast

Forecast: OCDD-Carnivore

Summary:

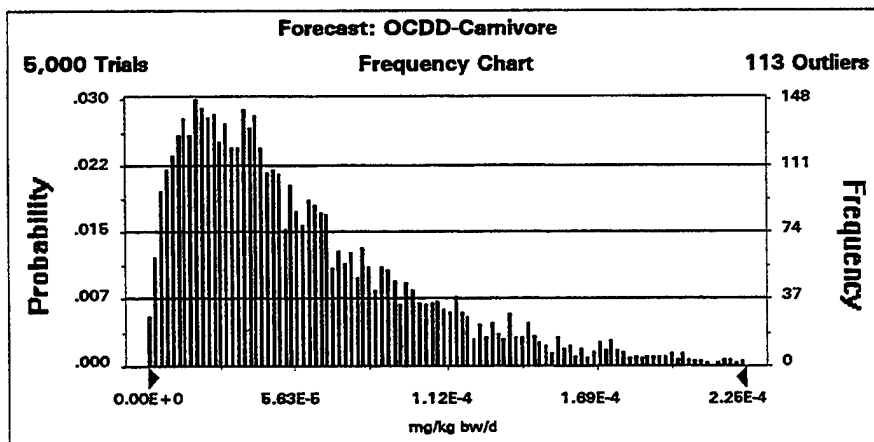
Display Range is from 0.00E+0 to 2.25E-4 mg/kg bw/d

Entire Range is from 4.29E-7 to 8.41E-4 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 8.41E-7

Statistics:

	<u>Value</u>
Trials	5000
Mean	6.32E-05
Median	4.71E-05
Mode	---
Standard Deviation	5.95E-05
Variance	3.54E-09
Skewness	3.18
Kurtosis	23.13
Coeff. of Variability	0.94
Range Minimum	4.29E-07
Range Maximum	8.41E-04
Range Width	8.41E-04
Mean Std. Error	8.41E-07



Forecast: OCDD-Carnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	4.29E-07
10%	1.28E-05
20%	2.11E-05
30%	2.93E-05
40%	3.81E-05
50%	4.71E-05
60%	5.88E-05
70%	7.29E-05
80%	9.36E-05
90%	1.29E-04
100%	8.41E-04

End of Forecast

Assumptions

Assumption: Dietary Ingestion Rate (kg/kg bw/d)

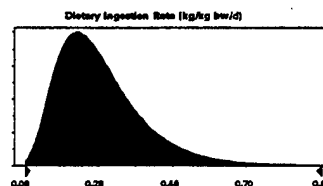
Lognormal distribution with parameters:

Mean 0.29

Standard Dev. 0.12

Selected range is from 0.00 to 1.50

Mean value in simulation was 0.29



Assumption: Soil Fraction in Diet

Lognormal distribution with parameters:

Mean 0.099

Standard Dev. 0.045

Selected range is from 0.000 to 4.793

Mean value in simulation was 0.098



Assumption: Body Weight (g)

Lognormal distribution with parameters:

Mean 20.38

Standard Dev. 450.81

Selected range is from 0.00 to +Infinity

Mean value in simulation was 17.08



Assumption: OCDD-Plants

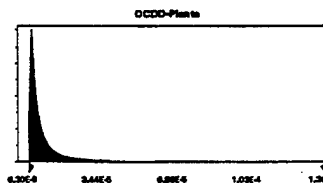
Lognormal distribution with parameters:

Mean 6.69E-06

Standard Dev. 1.37E-05

Selected range is from 0.00E+0 to +Infinity

Mean value in simulation was 6.80E-6



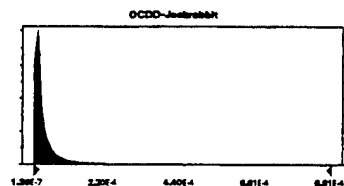
Assumption: OCDD-Jackrabbit

Lognormal distribution with parameters:

Mean	3.19E-05
Standard Dev.	8.73E-05

Selected range is from 0.00E+0 to +Infinity

Mean value in simulation was 3.15E-5



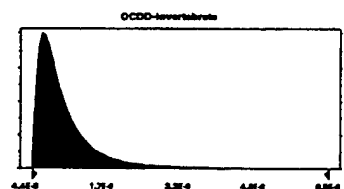
Assumption: OCDD-Invertebrate

Lognormal distribution with parameters:

Mean	7.6E-07
Standard Dev.	7.6E-07

Selected range is from 0.0E+0 to +Infinity

Mean value in simulation was 7.5E-7



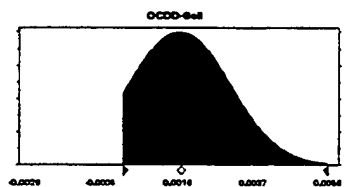
Assumption: OCDD-Soil

Normal distribution with parameters:

Mean	0.0016
Standard Dev.	0.0014

Selected range is from 0.0000 to +Infinity

Mean value in simulation was 0.0019



End of Assumptions

Crystal Ball Report

Simulation started on 7/22/97 at 14:26:59

Simulation stopped on 7/22/97 at 14:34:11

Forecast: DDE-Herbivore

Summary:

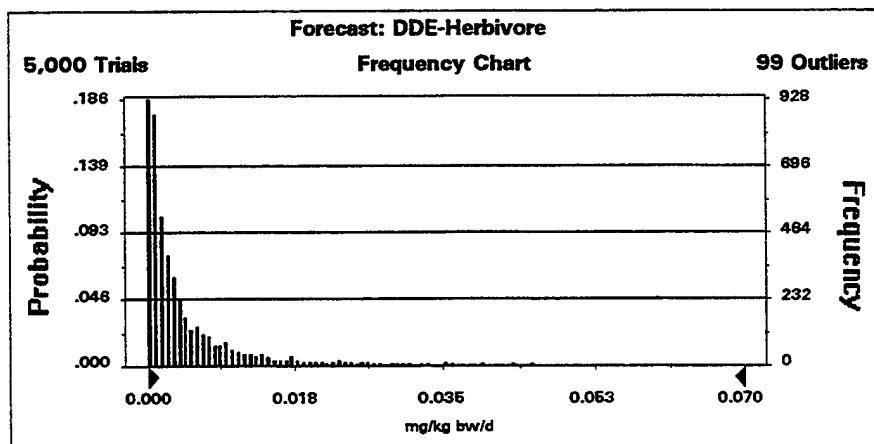
Display Range is from 0.000 to 0.070 mg/kg bw/d

Entire Range is from 0.000 to 0.509 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:

	Value
Trials	5000
Mean	0.008
Median	0.002
Mode	---
Standard Deviation	0.023
Variance	0.001
Skewness	9.57
Kurtosis	141.62
Coeff. of Variability	2.80
Range Minimum	0.000
Range Maximum	0.509
Range Width	0.509
Mean Std. Error	0.000



Forecast: DDE-Herbivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.000
10%	0.000
20%	0.001
30%	0.001
40%	0.002
50%	0.002
60%	0.003
70%	0.005
80%	0.009
90%	0.017
100%	0.509

End of Forecast

Forecast: DDE-Omnivore

Summary:

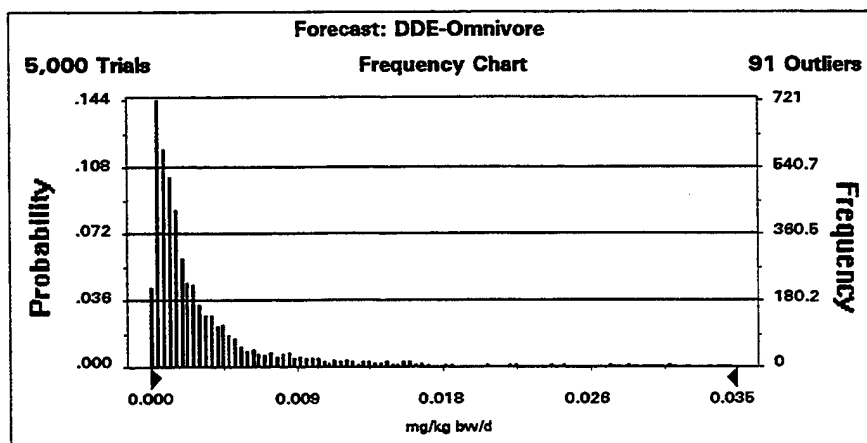
Display Range is from 0.000 to 0.035 mg/kg bw/d

Entire Range is from 0.000 to 0.316 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.005
Median	0.002
Mode	---
Standard Deviation	0.011
Variance	0.000
Skewness	10.72
Kurtosis	197.53
Coeff. of Variability	2.40
Range Minimum	0.000
Range Maximum	0.316
Range Width	0.316
Mean Std. Error	0.000



Forecast: DDE-Omnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.000
10%	0.000
20%	0.001
30%	0.001
40%	0.001
50%	0.002
60%	0.002
70%	0.003
80%	0.005
90%	0.010
100%	0.316

End of Forecast

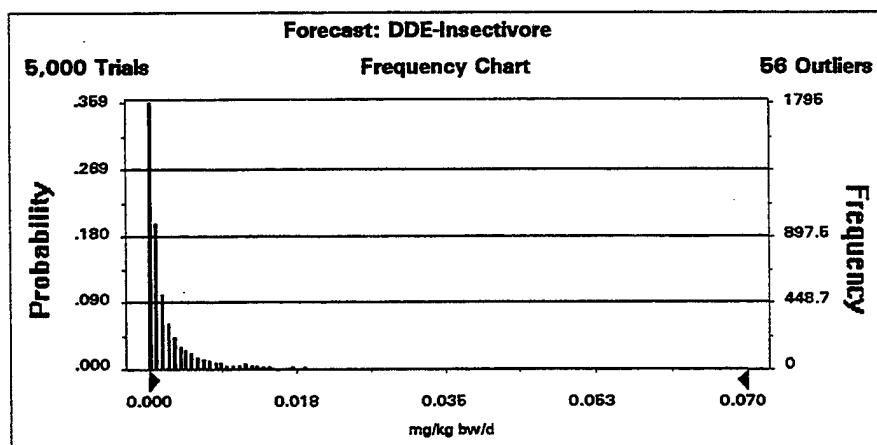
Forecast: DDE-Insectivore

Summary:

Display Range is from 0.000 to 0.070 mg/kg bw/d
Entire Range is from 0.000 to 0.912 mg/kg bw/d
After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.005
Median	0.001
Mode	---
Standard Deviation	0.024
Variance	0.001
Skewness	20.46
Kurtosis	616.96
Coeff. of Variability	4.43
Range Minimum	0.000
Range Maximum	0.912
Range Width	0.912
Mean Std. Error	0.000



Forecast: DDE-Insectivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.000
10%	0.000
20%	0.000
30%	0.001
40%	0.001
50%	0.001
60%	0.002
70%	0.003
80%	0.004
90%	0.009
100%	0.912

End of Forecast

Forecast: DDE-Carnivore

Summary:

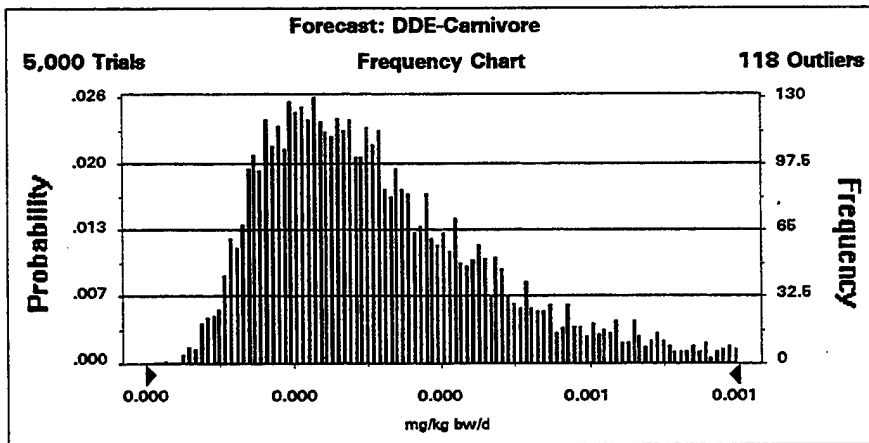
Display Range is from 0.000 to 0.001 mg/kg bw/d

Entire Range is from 0.000 to 0.002 mg/kg bw/d

After 5,000 Trials, the Std. Error of the Mean is 0.000

Statistics:

	<u>Value</u>
Trials	5000
Mean	0.000
Median	0.000
Mode	---
Standard Deviation	0.000
Variance	0.000
Skewness	1.77
Kurtosis	8.55
Coeff. of Variability	0.55
Range Minimum	0.000
Range Maximum	0.002
Range Width	0.002
Mean Std. Error	0.000



Forecast: DDE-Carnivore (cont'd)

Percentiles:

<u>Percentile</u>	<u>mg/kg bw/d</u>
0%	0.000
10%	0.000
20%	0.000
30%	0.000
40%	0.000
50%	0.000
60%	0.000
70%	0.000
80%	0.000
90%	0.001
100%	0.002

End of Forecast

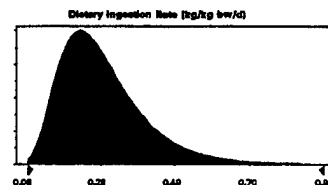
Assumptions

Assumption: Dietary Ingestion Rate (kg/kg bw/d)

Lognormal distribution with parameters:

Mean	0.29
Standard Dev.	0.12

Selected range is from 0.00 to 1.50
Mean value in simulation was 0.29

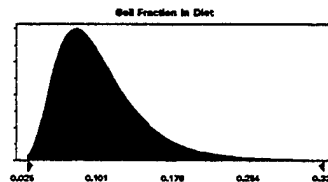


Assumption: Soil Fraction in Diet

Lognormal distribution with parameters:

Mean	0.099
Standard Dev.	0.045

Selected range is from 0.000 to 4.793
Mean value in simulation was 0.098

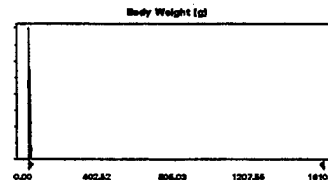


Assumption: Body Weight (g)

Lognormal distribution with parameters:

Mean	20.38
Standard Dev.	450.81

Selected range is from 0.00 to +Infinity
Mean value in simulation was 17.08

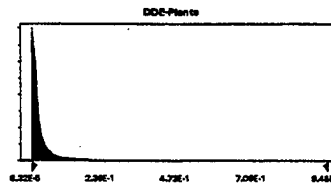


Assumption: DDE-Plants

Lognormal distribution with parameters:

Mean	2.98E-02
Standard Dev.	9.54E-02

Selected range is from 0.00E+0 to +Infinity
Mean value in simulation was 3.08E-2

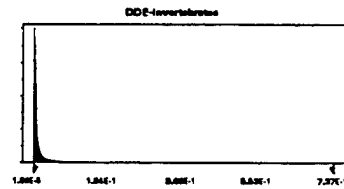


Assumption: DDE-Invertebrates

Lognormal distribution with parameters:

Mean	1.75E-02
Standard Dev.	8.14E-02

Selected range is from 0.00E+0 to +Infinity
Mean value in simulation was 1.89E-2

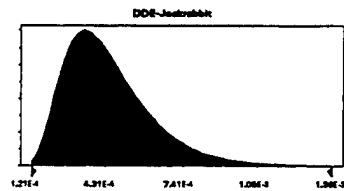


Assumption: DDE-Jackrabbit

Lognormal distribution with parameters:

Mean	4.41E-04
Standard Dev.	1.85E-04

Selected range is from 0.00E+0 to +Infinity
Mean value in simulation was 4.39E-4

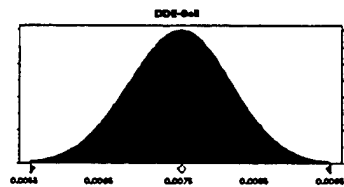


Assumption: DDE-Soil

Normal distribution with parameters:

Mean	0.0075
Standard Dev.	0.0007

Selected range is from 0.0000 to +Infinity
Mean value in simulation was 0.0075



End of Assumptions

Contribution of Dermal Absorption Towards Total COPC Intakes for Birds

Intakes for Bird Species with Different Dietary Preferences (mg/kg bw/day)								
	Diet and Soil Ingestion				Dermal, Diet and Soil Ingestion			
	Herbivore	Omnivore	Insectivore	Carnivore	Herbivore	Omnivore	Insectivore	Carnivore
Cadmium	6.560E-02	5.846E-02	6.781E-02	4.198E-02	6.561E-02	5.847E-02	6.782E-02	4.199E-02
Lead	6.760E+00	7.644E+00	6.562E+00	9.608E+00	6.762E+00	7.645E+00	6.564E+00	9.610E+00
DDE	1.330E-03	8.313E-04	1.007E-03	1.561E-04	1.331E-03	8.316E-04	1.008E-03	1.564E-04
RDX	1.701E-02	1.251E-02	1.060E-02	9.911E-03	1.701E-02	1.252E-02	1.063E-02	9.936E-03
OCDD	8.919E-05	8.747E-05	8.456E-05	8.867E-05	8.940E-05	8.768E-05	8.477E-05	8.888E-05

Used body weight (BW) and surface area (SA) for Bobwhite to estimate dermal

*List of COPCs With a Detection Frequency of 0 and an HQ >= 1 For
Current Co-located Soil Data on a SWMU Basis*

COPC ^(a)	Description	Location	Receptors (s)
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU ^(b) 45	Passerine birds
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 45	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 37	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 45	Passerine birds
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	SWMU 45	Passerine birds
TL	Thallium	SWMU 10	Passerine birds, plants
TL	Thallium	SWMU 11	Passerine birds, plants
TL	Thallium	SWMU 12	Passerine birds, deer mice, plants
TL	Thallium	SWMU 15	Passerine birds, plants
TL	Thallium	SWMU 1b	Passerine birds, deer mice, plants
TL	Thallium	SWMU 1c	Passerine birds, deer mice, plants
TL	Thallium	SWMU 21	Passerine birds, plants
TL	Thallium	SWMU 37	Passerine birds, plants
TL	Thallium	SWMU 42	Passerine birds, deer mice, plants
TL	Thallium	SWMU 45	Passerine birds, deer mice, plants

^aContaminant of potential concern.

^bSolid Waste Management Unit.

Note.—Above listed COPCs are risk drivers.

*List of COPCs With a Detection Frequency of 0 and an HQ >= 1
For Reference Study Area (RSA) - Current Co-located Soil Data*

COPC ^(a)	Description	Location	Receptor(s)
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	RSA	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	RSA	Passerine birds
TCDD	2,3,7,8-Tetrachlorodibenzodioxin	RSA	Passerine birds, kit fox
TL	Thallium	RSA	Passerine birds, American kestrel, golden eagle, bald eagle, deer mice, jackrabbit, kit fox plants

^aContaminant of potential concern.

Note.—Above listed COPCs are risk drivers.

*List of COPCs With a Detection Frequency of 0 and an HQ >= 1
For Ecological Study Areas (ESAs) - Current Co-located Soil Data*

COPC ^(a)	Description	Location	Receptor(s)
234HXF	2,3,4,6,7,8-Hexachlorodibenzofuran	ESA-1	Passerine birds
234PCF	2,3,4,7,8-Pentachlorodibenzofuran	ESA-1	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ESA-1	Passerine birds
78PCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	ESA-2	Passerine birds
ICDPYR	Indeno[1,2,3-C,D]pyrene	ESA-1	Plants
TL	Thallium	ESA-1	Passerine birds, deer mice
TL	Thallium	ESA-2	Passerine birds, American kestrel

^aContaminant of potential concern.

Note.—Above listed COPCs are risk drivers.

*List of COPCs With a Detection Frequency of 0 and and HQ>=1 For
Explosives in Biota Data on a SWMU Basis*

COPC ^(a)	Description	Location	Matrix	Receptor(s)
246TNT	2,4,6-Trinitrotoluene	SWMU ^(b) 37	Ambrosia	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 11	Gumweed	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 15	Gumweed	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 1b	Gumweed	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 1c	Gumweed	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 21	Gumweed	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 42	Gumweed	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 45	Gumweed	Deer mice
246TNT	2,4,6-Trinitrotoluene	RSA ^(c)	Gumweed	Deer mice, mule deer, jackrabbit, kit fox
246TNT	2,4,6-Trinitrotoluene	SWMU 11	Rabbitbrush	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 12	Rabbitbrush	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 1b	Rabbitbrush	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 1c	Rabbitbrush	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 37	Rabbitbrush	Deer mice
246TNT	2,4,6-Trinitrotoluene	SWMU 42	Rabbitbrush	Deer mice, jackrabbit
246TNT	2,4,6-Trinitrotoluene	SWMU 45	Rabbitbrush	Deer mice
RDX	RDX / Cyclonite	SWMU 37	Ambrosia	Deer mice
RDX	RDX / Cyclonite	SWMU 11	Gumweed	Deer mice
RDX	RDX / Cyclonite	SWMU 15	Gumweed	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 1b	Gumweed	Deer mice
RDX	RDX / Cyclonite	SWMU 1c	Gumweed	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 21	Gumweed	Deer mice
RDX	RDX / Cyclonite	SWMU 42	Gumweed	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 45	Gumweed	Deer mice
RDX	RDX / Cyclonite	RSA	Gumweed	Deer mice, mule deer, jackrabbit, kit fox
RDX	RDX / Cyclonite	SWMU 11	Rabbitbrush	Deer mice
RDX	RDX / Cyclonite	SWMU 12	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 15	Rabbitbrush	Deer mice, mule deer, jackrabbit, kit fox
RDX	RDX / Cyclonite	SWMU 1b	Rabbitbrush	Deer mice
RDX	RDX / Cyclonite	SWMU 1c	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 21	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 37	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	SWMU 42	Rabbitbrush	Deer mice, mule deer, jackrabbit
RDX	RDX / Cyclonite	SWMU 45	Rabbitbrush	Deer mice, jackrabbit
RDX	RDX / Cyclonite	RSA	Rabbitbrush	Deer mice, mule deer, jackrabbit, kit fox
RDX	RDX / Cyclonite	SWMU 12	Sweetclover	Deer mice
RDX	RDX / Cyclonite	SWMU 15	Sweetclover	Deer mice
RDX	RDX / Cyclonite	SWMU 37	Sweetclover	Deer mice
RDX	RDX / Cyclonite	SWMU 42	Sweetclover	Deer mice

^(a)Contaminant of potential concern.

^(b)Solid Waste Management Unit.

^(c)Reference Study Area.

Note.—Above listed COPCs are risk drivers.

*List of COPCs With a Detection Frequency of 0 and and HQ>=1
For Metals in Biota Data on a SWMU Basis*

COPC ^(a)	Description	Location	Matrix	Receptor(s)
BA	Barium	SWMU ^(b) 42	Jackrabbit	Passerines
CD	Cadmium	SWMU 15	Jackrabbit	Passerines
CD	Cadmium	SWMU 1b	Jackrabbit	Passerines
CD	Cadmium	SWMU 21	Jackrabbit	Passerines
CD	Cadmium	SWMU 42	Jackrabbit	Passerines
CU	Copper	SWMU 15	Jackrabbit	Passerines, American kestrel
FE	Iron	SWMU 15	Gumweed	Deer mice
PB	Lead	SWMU 11	Jackrabbit	Passerines
PB	Lead	SWMU 12	Jackrabbit	Passerines
PB	Lead	SWMU 15	Jackrabbit	Passerines
PB	Lead	SWMU 1c	Jackrabbit	Passerines
PB	Lead	SWMU 21	Jackrabbit	Passerines
PB	Lead	SWMU 42	Jackrabbit	Passerines, kit fox
SB	Antimony	SWMU 42	Jackrabbit	Kit fox
ZN	Zinc	SWMU 10	Jackrabbit	Passerines
ZN	Zinc	SWMU 11	Jackrabbit	Passerines
ZN	Zinc	SWMU 12	Jackrabbit	Passerines
ZN	Zinc	SWMU 15	Jackrabbit	Passerines, American kestrel
ZN	Zinc	SWMU 1b	Jackrabbit	Passerines
ZN	Zinc	SWMU 21	Jackrabbit	Passerines

^aContaminant of potential concern.

^bSolid Waste Management Unit.

Italics represent modeled or calculated data, or data based on 1/2 the method detection limit.

Note.—Above listed COPCs are risk drivers.

*List of COPCs With a Detection Frequency of 0 and an HQ ≥ 1 For Dioxins/Furans
in Biota Data on a SWMU Basis*

COPC ^(a)	Description	Location	Matrix	Receptor(s)
TOTAL HpCDD	Total Heptachlorodibenzodioxins	RSA ^(b)	Grasshopper	Kit fox
TOTAL HpCDF	Total Heptachlorodibenzofurans	SWMUs ^(c) 12/15	Grasshopper	Deer mice
TOTAL HxCDF	Total Heptachlorodibenzofurans	SWMUs 21/37	Grasshopper	Deer mice
TOTAL HxCDD	Total Hexachlorodibenzodioxins	SWMUs 12/15	Grasshopper	Deer mice
TOTAL HxCDD	Total Hexachlorodibenzodioxins	SWMUs 21/37	Grasshopper	Deer mice
TOTAL PeCDD	Total Pentachlorodibenzodioxins	RSA	Grasshopper	Kit fox
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 10	Jackrabbit	Passerine birds
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 11	Jackrabbit	Passerine birds
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 12	Jackrabbit	Passerine birds
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 15	Jackrabbit	Passerine birds
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 1b	Jackrabbit	Passerine birds
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 1c	Jackrabbit	Passerine birds
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 21	Jackrabbit	Passerine birds
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 37	Jackrabbit	Passerine birds
123478-HxCDD	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SWMU 42	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 10	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 11	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 12	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 15	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 1b	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 1c	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 21	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 37	Jackrabbit	Passerine birds
123678-HxCDD	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SWMU 42	Jackrabbit	Passerine birds
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 10	Jackrabbit	Passerine birds
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 11	Jackrabbit	Passerine birds
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 12	Jackrabbit	Passerine birds
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 15	Jackrabbit	Passerine birds, American kestrel
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 1b	Jackrabbit	Passerine birds
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 1c	Jackrabbit	Passerine birds
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 21	Jackrabbit	Passerine birds
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 37	Jackrabbit	Passerine birds
12378-PeCDD	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SWMU 42	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 10	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 11	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 12	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 15	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 1b	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 1c	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 21	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 37	Jackrabbit	Passerine birds
12378-PeCDF	1,2,3,7,8-Pentachlorodibenzofuran	SWMU 42	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 10	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 11	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 12	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 15	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 1b	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 1c	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 21	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 37	Jackrabbit	Passerine birds
234678-HxCDF	2,3,4,6,7,8-Hexachlorodibenzofuran	SWMU 42	Jackrabbit	Passerine birds
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 10	Jackrabbit	Passerine birds
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 11	Jackrabbit	Passerine birds
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 12	Jackrabbit	Passerine birds
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 15	Jackrabbit	Passerine birds, American kestrel
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 1b	Jackrabbit	Passerine birds
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 1c	Jackrabbit	Passerine birds
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 21	Jackrabbit	Passerine birds
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 37	Jackrabbit	Passerine birds
23478-PeCDF	2,3,4,7,8-Pentachlorodibenzofuran	SWMU 42	Jackrabbit	Passerine birds
TOTAL HpCDF	Total Heptachlorodibenzofurans	RSA	Gumweed	Deer mice

*List of COPCs With a Detection Frequency of 0 and an HQ >= 1 For Dioxins/Furans
in Biota Data on a SWMU Basis (continued)*

COPC ^(a)	Description	Location	Matrix	Receptor(s)
<i>TOTAL HpCDF</i>	<i>Total Heptachlorodibenzofurans</i>	<i>SWMU 15</i>	<i>Jackrabbit</i>	<i>Kit fox</i>
<i>TOTAL HpCDF</i>	<i>Total Heptachlorodibenzofurans</i>	<i>SWMU 42</i>	<i>Jackrabbit</i>	<i>Kit fox</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>RSA</i>	<i>Gumweed</i>	<i>Deer mice</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 10</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 11</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 12</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 15</i>	<i>Jackrabbit</i>	<i>Passerine birds, kit fox</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 1b</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 1c</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 21</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 37</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDD</i>	<i>Total Hexachlorodibenzodioxins</i>	<i>SWMU 42</i>	<i>Jackrabbit</i>	<i>Passerine birds, kit fox</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 10</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 11</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 12</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 15</i>	<i>Jackrabbit</i>	<i>Passerine birds, kit fox</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 1b</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 1c</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 21</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 37</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL HxCDF</i>	<i>Total Hexachlorodibenzofurans</i>	<i>SWMU 42</i>	<i>Jackrabbit</i>	<i>Passerine birds, kit fox</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 10</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 11</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 12</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 15</i>	<i>Jackrabbit</i>	<i>Passerine birds, American kestrel, kit fox</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 1b</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 1c</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 21</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 37</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDD</i>	<i>Total Pentachlorodibenzodioxins</i>	<i>SWMU 42</i>	<i>Jackrabbit</i>	<i>Passerine birds, kit fox</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 10</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 11</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 12</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 15</i>	<i>Jackrabbit</i>	<i>Passerine birds, American kestrel, kit fox</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 1b</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 1c</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 21</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 37</i>	<i>Jackrabbit</i>	<i>Passerine birds</i>
<i>TOTAL PeCDF</i>	<i>Total Pentachlorodibenzofurans</i>	<i>SWMU 42</i>	<i>Jackrabbit</i>	<i>Passerine birds, kit fox</i>

^(a)Contaminant of potential concern.

^(b)Reference Study Area.

^(c)Solid Waste Management Unit.

Italics represent modeled or calculated data, or data based on 1/2 the method detection limit.

Note.—Above listed COPCs are risk drivers.